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ARS-44-120 December 1962

# DHIA LACTATION AVERAGES 1960

U. S. DEPT. OF AGRICULTURE

MAR 1 8 1964

CURRENT SERIAL RESOULS

Agricultural Research Service U. S. Department of Agriculture



# **DHIA LACTATION AVERAGES**

1960

On the following pages are tabulations of DHIA 305-day lactation records with 1960 calving dates, grouped by State, by breed, by month of calving. These tabulations include records received from various States by the Dairy Cattle Research Branch, Animal Husbandry Research Division, as a part of the National Cooperative Dairy Herd Improvement Program.

All lactation records were standardized to a mature-equivalent, twice-a-day milking basis.

# 305-OAY STANOAROIZEO LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE-1960

ALL BREEDS

				1960 CALVING YEAR			
STATE	COOE	REGISTEREO NO.RECS. MILK	FAT	NON-REGISTI NO.RECS. MIĽK	RED FAT	NO.REGS. MILK	FAT
MAINE	11	5557 11429	475	7121 10871	431	12678 11116	451
NEW HAMPSHIRE	12	4759 11435	470	2322 10964	436	7081 11281	459
VERMONT	13	9162 11015	463	10896 10324	414	20058 10639	436
MASSACHUSETTS	14	8150 11331	469	7219 11301	434	15369 11317	452
RHOOE ISLANO	15	1201 11065	451	420 11217	424	1621 11105	444
CONNECTICUT	16	7139 11592	484	5123 12096	456	12262 11803	472
NEW YORK	21	63660 12363	468	37281 11826	433	100941 12165	455
NEW JERSEY	22	6956 11648	477	3791 11535	432	10747 11608	461
PENNSYLVANIA	23	56805 11245	448	23183 10764	413	79988 11106	438
OHIO	31	20055 11088	448	11268 11738	437	31323 11322	444
INGIANA	32	10586 10975	455	11200 11452	441	21786 11220	448
ILLINOIS	33	17304 11461	457	14270 11583	437	31574 11516	448
MICHIGAN	34	19243 11904	459	27052 11656	436	46295 11759	445
WISCONSIN	35	33940 11814	452	25842 11620	435	59782 11730	444
MINNESOTA	41	11888 11793	457	28105 12137	444	39993 12035	448
IOWA	42	12999 11417	447	18327 11237	421	31326 11311	432
MISSOURI	43	3925 10542	443	3108 11251	441	7033 10855	442
NORTH CAKOTA	45	951 11497	440	2087 11491	429	3038 11493	433
SOUTH CAKOTA	46	771 12195	458	925 12087	423	1696 12136	439
NEBRASKA	47	1961 11513	462	1576 11498	427	3537 11506	447
KANSAS	48	5550 11103	440	7181 11557	433	12731 11359	436
CELAWARE	50	1595 10798	431	1397 9868	381	2992 10364	408
MARYLAND	51	11665 11124	446	9789 10526	404	21454 10851	427
VIRGINIA	52	11374 11318	460	21081 11028	420	32455 11129	434
WEST VIRGINIA	54	1996 10212	404	1839 10154	386	3835 10184	396
NORTH CAROLIN	A 55	8384 9865	406	12975 10367	388	21359 10170	395
SOUTH CAROLIN	A 56	3929 9078	386	4819 9453	357	8748 9285	370
GEORGIA	57	2415 9774	410	4135 9615	374	6550 9674	388
FLORICA	58	2939 8588	378	1035 8884	382	3974 8665	379
KENTUCKY	61	3113 10267	423	2738 11088	409	5851 10651	416
TENNESSEE	63	2041 8571	410	518 10370	428	2559 8935	414
ALASANA	64	2092 7732	357	7591 8562	332	9683 8382	338
MISSISSIPP1	65	1625 7973	365	976 8432	353	2601 8145	360
ARKANSAS	71	789 8434	344	1167 8950	342	1956 8742	343
LOUISIANA	72	700 9012	398	36 10383	417	736 9079	399
OKLAHOMA	73	1317 9952	411	1024 10782	408	2341 10315	409
TEXAS	74	3534 9391	413	6099 10488	385	9633 10086	395
MONTANA	81	596 11606	470	749 12617	456	1345 12169	462
10AHO	82	3123 11409	475	2329 12775	489	5452 11993	481
WYOMING	83	164 13649	481	53 12789	444	217 13439	472
COLORADO	84	1899 11442	457	537 12732	480	2436 11726	462
NEW MEXICO	85	697 9722	441	39 11306	486	736 9806	444
ARIZONA	86	712 12377	475	1439 12997	476	2151 12792	476
UTAH	87	2344 12434	485	5823 12957	477	8167 12807	479
NEVADA	88	132 9664	507	156 11899	424	288 10875	462
WASHINGTON	91	7096 11833	496	8127 12430	491	15223 12152	494
OREGON	92	5311 9990	471	8452 10815	449	13763 10496	457
CALIFORNIA	93	2451 11752	515	1406 14385	537	3857 12712	523
HAWAII	95	1 11230	434	1 14430		2 12830	558
ALASKA	96	14 15571	548	27 11958	478	41 13192	502
U.S. AVERAGE		386610 11369	453	354654 11294	427	741264 11333	441

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# 305-DAY STANDARDIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE-1960

AYRSHIRE

					1960 CALVING TEAP				
STATE	COOE	REGI NO.RECS.	STEREO	FAT	NON-F NO.RECS.	REGISTE	REO FAT	NO.RECS. MILK	FAT
NAINE	11	339	9861	406	132	10262	404	471 9974	405
NEW HAMPSHIRE	12	607	10355	426	91	9822	389	698 10286	421
VERNONT	13	1149	10045	408	418	10173	403	1567 10080	407
NASSACHUSETTS	14	809	10182	421	255	10403	406	1064 10235	417
RHOOE ISLANO	15	321	10495	431	20	11029	423	341 10527	431
CONNECTICUT	16	746	10033	411	144	11664	437	890 10297	415
NEW YORK	21	3258	10103	407	460	10913	410	3718 10203	408
NEW JERSEY	22	29	9375	384	13	11566	431	42 10053	3 98
PENNSYLVANIA	23	2325	9434	391	330	9852	391	2655 9486	391
0110	31	538	9750	382	113	11052	422	651 9976	389
INCIANA	32	270	9430	376	93	11126	431	363 9865	390
ILLINOIS	33	299	9655	402	30	11404	425	329 9815	404
NICHIGAN	34	107	11060	465	47	10387	415	154 10854	450
WISCONSIN	35	375	9437	387	55	10255	405	430 9541	389
NINNESOTA	41	378	9459	382	63	10159	395	441 9559	383
IOWA	42	545	9930	402	74	10077	376	619 9947	399
NISSDURI	43	8	8909	344	4	13400	469	12 10406	386
NORTH DAKOTA	45	2	6310	230		11791	425	18 11182	403
SDUTH DAKOTA	46	37	10568	427	2	11250	343	39 10603	423
NEBRASKA	47	13	8323	360	27	8054	327	40 8141	338
KANSAS	48	825	9753	401	178	9880	386	1003 9776	398
DELAWARE	50	206	8953	359	46	8999	353	252 8962	358
NARYLAND	51	631	9578	395	136	10419	408	765 9725	397
VIRGINIA	52	277	8933	365	167	9997	383	444 9333	372
WEST VIRGINIA	54	119	9456	384	48	9726	377	167 9533	382
NORTH CAROLINA		319	9423	373	192	9919	369	511 9609	371
SOUTH CAROLINA			12293	463	10	6577	285	18 9117	364
GEORGIA	57	89	8545	320	64	9247	372	153 8839	342
FLORIDA	58	104	9279	364		12987	508	107 9383	368
KENTUCKY	61	8	8990	370	10	9597	363	18 9327	366
TENNESSEE	63	· ·	0	310		12098	454	16 12098	454
ALABAHA	64	98	7254	290	64	8321	318	162 7675	301
NISSISSIPPI	65	72	6442	242	5	6974	292	77 6476	246
ARKANSAS	71	4	8565	323					396
LOUISIANA		•	6,000	223	15	11343	415	19 10758	396
DKLAHONA	72 73	125	9894	399	10	10272	400	125 0022	300
TEXAS	74	50	8544	330	65	9795	400 352	135 9922 115 9251	399 342
MONTANA	81		12028	495		12960	415	24 12067	
DHAOL									492
	82		11261	443	0	10785	3 99	29 11162	434
COLORAGO			8158	301				5 8158	301
	84	117	9812	397	2	10565	395	119 9824	397
ARIZONA	85 86	,	11295	457		12083	443	3 14	
							467	7 11633	461
	87	27	10118	387	5	12566	453	32 10500	397
NEVADA	88	140	10200	422		105:5			4
	91		10385	431		10545	431	260 10445	
	92	31	9557	375		10253	432	98 10033	
	93				1	9860	479	1 9860	479
IIAWAH	95								
ALASKA	96								
U.S. AVERAGE		15483	9197	399	3596	10292	399	19079 9891	399

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#### 305-OAY STANOAROIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE-1960

GUERNSEY

STATE	COOE	REGISTEREO		NON-REGIS		ALL	
Mi the		NO.RECS. MILK	FAT	NO.RECS. MIL		NO.RECS. MILK	FAT
MAINE	11	871 8970	437	1171 994		2042 9527	428
NEW HAMPSHIRE	12	647 8938	423	254 922		901 9019	414
VERMONT	13	753 8953	428	708 916		1461 9056	410
MASSACHUSETTS	14	1601 8923 89 8975	430	606 930		2207 9027	423
RHOOE ISLAND	15		436	31 1102		120 9504	431
CONNECTICUT	16	2373 9425	458	446 988		2819 9498	452
NEW YORK	21	5885 9026	431	2025 1019		7910 9325	425
NEW JERSEY	22	1925 9173	451	268 1001		2193 9276	448
PENNSYLVANIA OHIO	23	11702 8392 4274 8886	405	3256 919 645 999		14958 8568	401
	31					4919 9031	423
INOIANA	32	3183 8962	441	1356 1024 1060 1005		4539 9346	437
ILLINOIS	33	2806 8905	431			3866 9221	426
MICHIGAN	34	2518 8916	435	2571 1010		5089 9517	427
WISCONSIN	35	4347 8632	415	3631 976		7978 9146	413
MINNESOTA	41	1757 8651	421	2625 1030		4382 9641	420
IOWA	42	1538 8604	420	2059 946		3597 9097	409
MISSOURI	43	1001 8687	420	346 1017		1347 9069	423
NORTH OAKOTA	45	64 8803	422	201 1041		265 10028	414
SOUTH OAKOTA	46	70 8496	397	49 1035	8 393	119 9263	395
NEBRASKA	47	471 8769	436	141 895	4 395	612 8812	426
KANSAS	48	567 8367	423	265 980		832 8826	417
OELAWARE	50	450 8436	397	189 823	8 358	639 8377	386
MARYLANO	51	2700 8716	426	1211 946	5 388	3911 8948	414
VIRGINIA	52	3483 8883	431	3043 982	2 399	6526 9321	416
WEST VIRGINIA	54	384 7517	364	225 863	3 367	609 7929	365
NORTH CAROLIN	A 55	2384 8125	390	1239 933	6 370	3623 8539	383
SOUTH CAROLIN	A 56	2072 7872	362	885 875	4 346	2957 8136	357
GEORGIA	57	391 8178	398	759 870	0 352	1150 8522	367
FLORIOA	58	1179 7556	337	314 811	9 353	1493 7675	340
KENTUCKY	61	420 7881	381	317 1024	7 382	737 8899	381
TENNESSEE	63	662 8516	408	56 922	1 415	718 8571	409
ALABAHA	64	384 7371	335	815 798	2 319	1199 7786	324
MISSISSIPPI	65	716 7732	351	154 823	1 350	870 7820	351
ARKANSAS	71	223 7420	329	230 850	1 340	453 7969	335
LOUISIANA	72	286 8353	394	15 1000	7 415	301 8435	395
OKLAHOMA	73	325 8214	386	93 1010	4 403	418 8635	390
TEXAS	74	404 8272	382	265 1006	7 383	669 8983	383
MONTANA	81	106 9251	465	13 1096	7 397	119 9439	457
OHAOI	82	808 9228	438	215 1064	2 457	1023 9525	442
WYOMING	83	10 8896	415	6 1179	7 434	16 9984	422
COLORAGO	84	298 8791	427	70 954	7 418	368 8935	425
NEW MEXICO	85	393 9481	450	15 1000	5 481	408 9500	451
ARIZONA	86	173 10408	489	86 1180	8 460	259 10873	480
UTAH	87	239 8889	423	270 1133	7 448	509 10188	437
NEVADA	88			5 1421	0 458	5 14210	458
WASHINGTON	91	1851 9636	473	1360 1105	5 470	3211 10237	472
OREGON	92	1451 9082	449	1774 978	9 428	3225 9471	438
CALIFORNIA	93	1148 9511	463	122 1066	8 464	1270 9622	463
HAWAII	95			1 1443	0 681	1 14430	681
ALASKA	96			6 1029	0 474	6 10290	474
U.S. AVERAGE		71382 8720	420	37467 973	9 404	108849 9071	415

305-OAY STANOAROIZEO LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE-1960

HOLSTEIN

				1900 CALVING TEAM					
STATE	COOE	REGISTI NO.RECS. M		NON-R NO.RECS.	EGISTEREC MILK F	AT	NO.RECS.	ALL M1LK	FAT
MAINE	11	3163 13	326 506	5158	11346 4	35	8321	12099	462
NEW HAMPSHIRE	12	2821 12	889 493	1716	11481 4	47	4537	12356	476
VERMONT	13	4330 13	147 491	7011	10933 4	17	11341	11778	445
MASSACHUSETTS	14	4367 13	172 496	5708	11693 4	440	10075	12334	464
RHOOE ISLANO	15	630 12	518 477	329	11385 4	124	959	12129	459
CONNECT ICUT	16	3236 13	891 518	4187	12441 4	61	7423	13073	486
NEW YORK	21	49634 13	223 480	33413	11993 4	35	83047	12728	462
NEW JERSEY	22	4260 13	128 492	3431	11664 4	132	7691	12475	465
PENNSYLVANIA	23	39277 12	447 467	18661	11155 4	18	57938	12031	451
0110	31	10630 130	052 469	9571	12019 4	40	20201	12563	455
INGIANA	32	5334 13	036 481	9111	11680 4	443	14445	12181	457
ILLINOIS	33	11211 12	706 474	12693	11769 4	39	23904	12209	455
HICHIGAN	34	14222 12	957 469	23126	11943 4	39	37348	12329	450
WISCONSIN	35	26083 12	650 462	21282	12033 4	440	47365	12373	452
MINNESOTA	41	8006 13	112 476	24542	12408 4	447	32548	12581	454
LOMA	42	7683 12	924 470	15086	11585 4	25	22769	12037	440
MISSOURI	43	1851 12	675 467	2490	11592 4	445	4341	12054	454
NORTH OAKOTA	45	617 12	738 467	1764	11669 4	+32	2381	11946	441
SOUTH OAKOTA	46	550 13	078 461	831	12212 4	424	1381	12557	439
NEBRASKA	47	1160 13	237 489	1377	11846 4	433	2537	12482	459
KANSAS	48	3171 12		6408		436	9579	12069	446
OELAWARE	50	859 12		1092		385		11344	421
HARYLANO	51	7498 12		8201		<b>60</b> 6	15699		433
VIRGINIA	52	6570 13		17456	11283 4	125	24026	11791	441
WEST VIRGINIA	54	1213 11		1443	10660 3	391		11150	405
NORTH CAROLIN	A 55	3896 12		10937		391	14833		402
SOUTH CAROLIN		1084 12		3478		356		10194	371
GEORGIA	57	1091 12		2815		380		10587	397
FLORIOA	58	455 12		380		383		11278	412
KENTUCKY	61	1633 12		2184		115		11841	431
TENNESSEE	63	196 12				439		11635	445
ALABAHA	64	295 10		4711		335	5006	8880	337
HISSISSIPPI	65	140 12		427		345	567	9530	365
ARKANSAS	71	274 10		621		342	895	9763	347
LOUISIANA	72	180 11				452		11989	
OKLAHOMA	73	516 12						11700	427
TEXAS	74	947 12		4744		412 389			426
MONTANA	81	263 14				457		11062	
OHAOI	82							13269	472
		1412 14				496		13735	502
COLORAGO	83	983 13				445		13896	481
	84					490	1413		482
		116 13 462 13				508		13373	476
	86			1195		486	1657		484
UTAH	87	1663 14		5023		480	6686		488
NEVAGA	68	4 11		125		404		11898	405
WASHINGTON	91	3329 14		5787		499	9116		508
OREGON	92	1041 13		4548		458	5589		466
	93	825 16		1162	15028 5	543	1987		563
HAWAII	95	1 11						11230	434
ALASKA	96	14 15	571 548	10	13665 !	518	24	14777	535
U.S. AVERAGE		239342 12	919 474	288438	11661	431	527780	12231	451

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#### 305-DAY STANDARDIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE-1960

JERSEY

				1900 CALVING TEAP	`				
STATE	COOE	REGIST NO.RECS. P			REGISTE	REO '	NO.RECS.	MILK	FAT
MAINE	11	1073	8591 451	630	8868	423	1703	8694	440
NEW HAMPSHIRE	12	634	8712 465	250	9679	430	884	8986	455
VERMONT	13	2690 8	8568 451	2644	9035	412	5334	8800	432
MASSACHUSETTS	14	1086	8693 462	598	9995	421	1684	9155	448
RHOOE ISLAND	15	160	7655 396	21	9755	440	181	7898	401
CONNECTICUT	16	505	8925 468	299	10772	435	804	9612	456
NEW YORK	21	3145	8112 425	979	9809	425	4124	8515	425
NEW JERSEY	22	439	8824 470	67	10747	443	506	9079	466
PENNSYLVANIA	23	2693 8	8033 425	829	8636	400	3522	8175	419
онто	31	3450	8022 418	761	9790	424	4211	8341	419
INGIANA	32	1289	7724 405	476	10474	431	1765	8465	412
ILLINOIS	33	1253	7904 412	281	9268	421	1534	8154	414
HICHIGAN	34	1590	7961 423	957	9055	409	2547	8372	418
MISCONSIN	35	1109	8133 429	594	8728	411	1703	8341	423
MINNESOTA	41	760	8104 425	441	9124	420	1201	8479	423
IOWA	42	1033	7738 408	500	8467	391	1533	7976	403
MISSOURI	43	822	8050 426	201	8846	410	1023	8206	423
NORTH BAKOTA	45	10	7179 382	41	9390	388	51	8957	387
SOUTH OAKOTA	46	37 (	8276 454	4	12870	447	41	8725	454
NEBRASKA	47	71	8692 459	12	9853	360	83	8860	444
KANSAS	48	460	7917 419	212	9311	405	672	8357	415
OELAWARE	50	62 (	8004 417	70	8255	397	132	8137	406
MARYLANO	51	525	7422 388	148	9370	401	673	7850	391
VIRGINIA	52	911	8237 432	353	9204	413	1264	8507	427
WEST VIRGINIA	54	280	7646 394	122	7121	366	402	7487	386
NORTH CAROLINA	A 55	1667	7359 372	488	9011	373	2155	7733	372
SOUTH CAROLIN	A 56		7903 405	218	8759	376	894	8112	398
GEORGIA	57	794	7461 386	407	8667	370	1201	7870	381
FLORIDA	58	1185	8052 397	331	8412	407	1516	8130	399
KENTUCKY	61	957	7643 393	197	9059	389	1154	7884	392
TENNESSEE	63	1181	7930 403	105	8325	395	1286	7963	402
ALABAMA	64	1287	7194 364	1923	8268	331	3210	7837	344
MISSISSIPPI	65	677	7526 381	376	8258	364	1053	7787	375
ARKANSAS	71	231	6763 340	296	8240	341	527	7593	341
LOUISIANA	72	230	7526 381	9	7996	374	239	7544	381
OKLAHUMA	73	294	7510 392	134	9210	383	428	8043	390
TEXAS	74	1906	7898 404	986	9483	368	2892	8439	392
MONTANA	81	90 1	8255 455	33	9828	444	123	8677	452
IOAHO	82	761	8668 462	229	10280	471	990	9041	464
WYOMENG	83								
COLORAGO	84	256	7899 42	. 32	10063	469	288	8139	427
NEW MEXICO	85	180	7900 405	5	8416	413	185	7914	405
ARIZONA	86	67	8214 416	145	10382	407	212	9696	410
UTAH	87	411	7885 412	465	11324	453	876	9711	433
NEVADA	88		9593 510		11472	511	154	9910	510
WASHINGTON	91		8873 482		10129	480	2417	9323	481
OREGON	92	2457			9387	445	4488	9113	465
CALIFORNIA	93	478			11980	549	595	10036	516
TIAWAH	95								
ALASKA	96								
U.S. AVERAGE		43552	8112 425	20908	9233	408	64460	8475	419

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#### 305-DAY STANDARDIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE-1960

BROWN SWISS

STATE	COOE	REGISTEREO NO.RECS. MILK	FAT	NON-REGISTE NO.RECS. MILK	REO FAT	NO.RECS. MILK	FAT
MAINE	11	30 11004	447	1 10460	480	31 10986	448
NEW HAMPSHIRE	12	27 10154	410	2 9285	309	29 10094	403
VERMONT	13	206 11255	467	79 10908	456	285 11159	464
MASSACHUSETTS	14	244 10416	442	50 11035	439	294 10521	442
RHOOE ISLANO	15	1 10520	411	18 10397	407	19 10403	407
CONNECTICUT	16	279 12354	529	38 12275	486	317 12345	523
NEW YORK	21	1626 11240	466	369 12134	453	1995 11405	464
NEW JERSEY	22	303 10880	448	12 12913	505	315 10957	451
PENNSYLVANIA	23	665 10450	436	78 9784	401	743 10380	432
0HIO	31	1041 11144	464	176 11770	465	1217 11234	464
INOIANA	32	429 11410	471	147 11889	468	576 11532	470
ILLINOIS	33	1462 10989	456	202 11143	441	1664 11008	454
					457	879 11054	441
MICHIGAN	34	690 10843	437	189 11824			
WISCONSIN	35	1620 10806	438	251 10869	418	1871 10815	435
MINNESOTA	41	775 10924	442	395 11199	427	1170 11017	437
IOWA	42	1781 10645	434	565 11136	434	2346 10763	434
MISSOURI	43	184 10783	430	50 11798	469	234 11000	439
NORTH OAKOTA	45	183 9820	408	53 11346	443	236 10163	416
SOUTH OAKOTA	46	76 12032	517	29 11814	451	105 11972	499
NEBRASKA	47	146 10651	448	19 11049	422	165 10697	445
KANSAS	48	346 10360	434	102 10462	443	448 10383	436
OELAWARE	50	18 10655	451			18 10655	451
MARYLANO	51	249 10112	425	68 10582	421	317 10213	424
VIRGINIA	52	127 11199	459	39 12151	477	166 11422	463
WEST VIRGINIA	54						
NORTH CAROLIN	A 55	118 9127	3 68	104 10479	408	222 9760	387
SOUTH CAROLIN	A 56	89 9874	380	228 10374	402	317 10234	396
GEORGIA	57	50 10632	426	90 9715	393	140 10043	405
FLORIDA	58	16 10124	373	7 9536	424	23 9945	388
KENTUCKY	61	95 10310	415	30 10543	415	125 10366	415
TENNESSEE	63	2 14730	579			2 14730	579
ALABAMA	64	27 9216	352	55 9062	383	82 9112	372
MISSISSIPPI	65	20 8412	330			20 8412	330
ARKANSAS	71	19 10571	424			19 10571	424
LOUISIANA	72	4 9588	384			4 9588	384
OKLAHOMA	73	18 9322	368			18 9322	368
TEXAS	74	208 10489	397	21 10383	385	229 10479	396
MONTANA	81	76 10569	439	3 10677	447	79 10574	439
10AH0	82	69 10802	443	6 9150	380	75 10670	438
HYOMING	83	2 12340	522			2 12340	522
	84	223 11654	488	2 14715	606	225 11682	489
NEW MEXICO	85	8 8925	394			8 8925	394
ARIZONA	86	6 12872	479	3 10890	396	9 12211	451
UTAH	87	4 11568	433	40 14145		44 13910	511
NEVAGA	88						
WASHINGTON	91	145 11521	473	8 11691	542	153 11530	477
OREGON	92	242 10532	437	31 11073		273 10594	441
CALIFORNIA	93			4 12453		4 12453	417
HAWAII	95			7 12473	411	7 12473	411
ALASKA	96						
-Endur	70						
U.S. AVERAGE		13949 10871	447	3564 11188	437	17513 10935	445

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# 305-OAY STANOAROIZEO LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE-1960

MILKING SHORTHORN

STATE	COOE	REGIS NO.RECS.	TEREO MILK	FAT	NON-REGI NO.RECS. MI		NO.RECS. MILK	FAT
MAINE	11	81	8107	316	29 101		110 8656	339
NEW HAMPSHIRE	12	23	8414	319	9 92	12 375	32 8638	335
VERMONT	13	34	9905	367	25 99		59 9922	384
MASSACHUSETTS	14	43	7455	291	2 77	15 336	45 7467	293
RHOOE ISLAND	15				1 115		1 11560	404
CONNECTICUT	16				9 112	81 419	9 11281	419
NEW YORK	21	112	8266	311	35 124	20 463	147 9255	347
NEW JERSEY	22							
PENNSYLVANIA	23	143	8387	314	29 92	07 366	172 8525	323
OH10	31	101	8970	341			101 8970	341
INGIANA	32	81	9003	338	15 105	45 407	96 9244	349
ILLINOIS	33	258	7496	286	4 108	33 424	262 7547	288
MICHIGAN	34	116	8859	330	35 121	25 447	151 9616	357
WISCONSIN	35	386	8499	330	28 100	70 395	414 8605	334
MINNESOTA	41	212	8597	322	39 120	62 435	251 9135	339
IOWA	42	385	8541	328	29 98	96 372	414 8636	331
MISSOURI	43	59	9282	364		22 383	76 9335	368
NORTH OAKOTA	45	68	8626	334	12 107	84 438	80 8950	349
SOUTH OAKOTA	46				7 122	56 438	7 12256	438
NEBRASKA	47	99	8122	309			99 8122	309
KANSAS	48	181	7883	310	16 100	78 379	197 8062	316
OELAWARE	50							
MARYLANO	51	62	7905	316	27 109	95 427	89 8842	349
VIRGINIA	52	6	8978	341	23 106		29 10319	380
WEST VIRGINIA					1 134		1 13450	476
NORTH CAROLIN	A 55				15 91	80 340	15 9180	340
SOUTH CAROLIN	A 56							
GEORGIA	57							
FLORIOA	58							
KENTUCKY	61							
TENNESSEE	63							
ALABAMA	64	1	6510	236	21 93	77 350	22 9247	345
MISSISSIPPI	65							
ARKANSAS	71	38	8030	302	5 79	30 329	43 8018	305
LOUISIANA	72							
OKLAHOMA	73	39	8973	337	3 93	395	42 9000	342
TEXAS	74	19	6914	252	18 107	53 395	37 8782	322
MONTANA	81	38	7574	296			38 7574	296
IOAHO	82	50	9015	338	1 88	350 330	51 9012	338
WYOMING	83	1	9140	344			1 9140	344
COLORAGO	84	22	8172	309	1 177	00 596	23 8587	322
NEW MEXICO	85							
ARIZONA	86				7 139	987 503	7 13987	503
UTAH	87				20 136	512 513	20 13612	513
NEVADA	88							
WASHINGTON	91	56	8894	337	10 81	154 331	66 8782	336
OREGON	92	89	8794	326	1 89	920 391	90 8796	327
CALIFORNIA	93							
HAWAII	95							
ALASKA	96							
U.S. AVERAGE		2803	8395	321	494 107	728 409	3297 8745	334

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#### 305-DAY STANDARDIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE-1960

RED DANE

STATE	COOE	REGISTERED NO.RECS. MILK	FAT	NDN-REGISTER ND.RECS. MILK		ALL ND.RECS. MILK	FAT
MAINE	11						
NEW HAMPSHIRE	12						
VERMONT	13			11 8860	396	11 8860	3 96
MASSACHUSETTS	14						
RHODE ISLAND	15						
CONNECTICUT	16						
NEW YORK	21						
NEW JERSEY	22						
PENNSYLVANIA	23						
OHIO	31						
INDIANA	32			2 8990	364	2 8990	364
ILLINDIS	33						
MICHIGAN	34			127 10330	415	127 10330	415
WISCONSIN	35						
MINNESDTA	41						
IDWA	42						
MISSOURI	43						
NORTH DAKOTA	45						
SDUTH DAKDTA	46						
NEBRASKA	47						
KANSAS	48						
DELAWARE	50						
MARYLAND	51						
VIRGINIA	52						
WEST VIRGINIA							
NORTH CAROLIN							
SOUTH CAROLIN							
GEDRGIA							
FLORIDA	57 58						
KENTUCKY							
	61						
TENNESSEE	63						
ALASAMA	64			2 11695	497	2 11695	497
MISSISSIPPI	65			14 7914	335	14 7914	3 35
ARKANSAS	71						
LDUISIANA	72						
DKLAHOMA	73						
TEXAS	74						
MONTANA	81						
IDAHD	82						
WYDMING	83						
COLDRADO	84						
NEW MEXICO	85						
ARIZONA	86						
UTAH	87						
NEVADA	88						
WASHINGTON	91						
OREGON	92						
CALIFORNIA	93						
HAWAII	95						
ALASKA	96			11 11316	443	11 11316	443
U.S. AVERAGE				167 10096	409	167 10096	409

305-DAY STANDARDIZED LACTATION AVERAGES BY BREED, BY CALVING YEAR, BY STATE-1960

REO POLL

#### 1960 CALVING YEAR

				1900 CALVING TEAR		
STATE	COOE	REGISTERED NO.RECS. MILK	FAT	NON-REGISTEREO' NO.RECS. MILK FAT	ALL NO.RECS. MILK	FAT
MAINE	11					
NEW HAMPSHIRE						
VERMONT	13					
MASSACHUSETTS	14					
RHOOE ISLAND	15					
CONNECTICUT	16					
NEW YORK	21					
NEW JERSEY	22					
PENNSYLVANIA	23					
0110	31	21 9817	387	2 8645 367	23 9715	385
INGIANA	32					
ILLINOIS	33	15 6643	275		15 6643	275
MICHIGAN	34					
WISCONSIN	35	20 7513	304	1 13460 480	21 7796	312
MINNESOTA	41					
10WA	42	34 6669	293	14 B233 332	48 7125	304
MISSOURI	43					
NORTH CAKOTA	45	7 6183	288		7 6183	288
SOUTH CAKCTA		1 3640		3 7457 290	4 6503	249
	46		126	3 1431 230		
NEBRASKA	47	1 7390	310		1 7390	310
KANSAS	48					
CELAWARE	50					
MARYLAND	51					
VIRGINIA	52					
WEST VIRGINIA						
NORTH CAROLIN	A 55					
SOUTH CAROLIN	A 56					
GEORGIA	57					
FLORIDA	58					
KENTUCKY	61					
TENNESSEE	63					
ALABAMA	64					
MISSISSIPPI	65					
ARKANSAS	71					
LOUISIANA	72					
OKLAHOMA	73					
TEXAS	74					
MONTANA	81					
IOAHO	82					
WYOMING	83					
COLORAGO	84					
NEW MEXICO	85					
ARIZONA	86					
UTAH	87					
NEVACA	88					
WASHINGTON	91					
OREGON	92					
CALIFORNIA	93					
HAWAII	95					
ALASKA	96					

U.S. AVERAGE 99 7445 311 20 8419 336 119 7609 315

UNITED STATES

	AYRSHIRE			GUERNSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 1258 10236 414 FEBRUARY 1139 10125 408	181 10213 400 221 10199 404	1439 10233 412 1360 10137 407	6597 9048 433 5869 9037 432	2534 9461 405 2279 9430 400	9131 9163 425 8148 9147 423
MARCH 1246 9995 403  APRIL 895 9830 395	270 10412 408 215 10132 398	1516 10069 404 1110 9888 396	5857 8886 424 4569 8802 421	2558 9594 404 1985 9571 404	8415 9101 418 6554 9035 416
MAY 643 9498 382 JUNE 704 9350 378	186 10534 400 227 9679 377	829 9730 386 931 9430 378	3915 8652 414 3836 8477 405	1616 9494 394 2074 9601 393	5731 8919 408 5910 8871 401
JULY 1205 9304 379 AUGUST 1768 9278 381 SEPTEMBER 2062 9503 391	275 10155 386 403 9979 386 480 10045 386	1480 9462 380 2171 9408 382 2542 9605 390	5600 8292 400 7253 8188 399 7786 8356 409	3061 9536 389 4213 9622 394 4893 9630 399	8661 8732 396 11466 8715 397 12679 8848 405
OCTOBER 1795 9885 407 NOVEMBER 1542 10212 416 OECEMBER 1226 10313 418	426 10691 415 371 10455 409 341 10832 413	2221 10040 409 1913 10259 415 1567 10426 417	7604 8786 429 6902 9061 438 5594 9086 436	4553 9945 412 4056 10157 418 3445 10281 419	12157 9220 422 10958 9467 431 9039 9541 430
YEAR AV. 15483 9797 399	3596 10292 399	19079 9891 399	71382 8720 420	37467 9739 404	108849 9071 415
	HOLSTEIN			JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 20415 13201 482 FEBRUARY 16707 13153 480 MARCH 16297 13033 477	14857 11990 439 13282 11945 438 15044 11831 435	35272 12691 464 29989 12618 462 31341 12456 457	4156 8492 443 3754 8467 441 3259 8446 438	848 8688 430 846 8759 428 956 9265 434	5004 8525 441 4600 8520 438 4215 8632 437
APRIL 11749 12935 473 MAY 9568 12780 466 JUNE 10795 12600 461	12795 11725 433 12142 11549 427 16239 11406 422	24544 12305 452 21710 12092 444 27034 11883 438	2373 8306 430 2115 8158 425 2011 7888 410	895 9163 415 917 9363 409 1181 9216 401	3268 8541 426 3032 8523 420 3192 8380 407
JULY 18541 12413 456	24727 11260 418	43268 11754 434	3298 7669 400	1799 9071 391	5097 8164 397
AUGUST 27854 12446 459 SEPTEMBER 31556 12667 467	35587 11247 418 42185 11498 427	63441 11774 436 73741 11998 444	4539 7629 400 5225 7742 409	2674 9050 392 3131 9069 398	7213 8156 397 8356 8239 405
OCTOBER 29631 13112 484 NOVEMBER 25874 13260 487 OECEMBER 20355 13355 487	38623 11832 440 33528 11925 442 29429 11985 441	68254 12388 459 59402 12506 462 49784 12545 460	4972 8024 425 4134 8198 432 3716 8529 445	2994 9317 408 2451 9495 415 2216 9768 418	7966 8510 419 6585 8681 425 5932 8992 435
YEAR AV. 239342 12919 474	288438 11661 431	527780 12231 451	43552 8112 425	20908 9233 408	64460 8475 419
1000 000 000000					
100 E3737E 1E7E7 474					
(Can No 2)/// (Can No 2)	BROWN SWISS			M. SHORTHORN	
CALVING REGISTEREO MONTH NUMBER MILK FAT	NON-REGISTERED	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	M. SHORTHORN NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
CALVING REGISTEREO	NON-REGISTERED			NON-REGISTEREO	
CALVING REGISTEREO MONTH NUMBER MILK FAT JANUARY 1164 11321 461 FEBRUARY 1100 11215 460	NON-REGISTERED NUMBER MILK FAT 131 11508 466 130 11632 462 148 11485 459 164 11163 443 170 10738 415	NUMBER MILK FAT  1295 11340 462 1230 11259 460 1277 11159 455  1110 10908 443 953 10726 432	NUMBER MILK FAT  245 8864 338 212 9093 343 244 8946 335  173 8708 331 129 8438 318	NON-REGISTEREO NUMBER MILK FAT 16 10289 391 12 9595 376 12 10428 386 22 10008 397 18 10848 423	NUMBER MILK FAT  261 8951 342 224 9120 345 256 9015 337  195 8855 338 147 8733 331
CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY 1164 11321 461 FEBRUARY 1100 11215 460 MARCH 1129 1116 454  APRIL 946 10863 443 MAY 783 10724 435 JUNE 1191 10462 430	NON-REGISTERED NUMBER MILK FAT 131 11508 466 130 11632 462 148 11465 459 164 11163 443 170 10738 415 183 10984 424 306 10828 419	NUMBER MILK FAT  1295 11340 462 1230 11259 460 1277 11159 455  1110 10908 443 953 10726 432 932 10627 431  1497 10537 428	NUMBER MILK FAT  245 8864 338 212 9093 343 244 8946 335  173 8708 331 129 8438 318 129 8335 314  238 7923 300	NON-REGISTEREO NUMBER MILK FAT  16 10289 391 12 9595 376 12 10428 386 22 10008 397 18 10848 423 41 10265 379 36 10600 395	NUMBER MILK FAT  261 8951 342 224 9120 345 256 9015 337  195 8855 338 147 8733 331 170 8800 330  274 8274 312
CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY 1164 11321 461 FEBRUARY 1100 11215 460 MARCH 1129 11116 454  APRIL 946 10863 443 MAY 783 10724 435 JUNE 749 10540 433  JULY 1191 10462 430 AUGUST 1367 10372 429 SEPTEMBER 1425 10540 437	NON-REGISTERED NUMBER MILK FAT 131 11508 466 130 11632 462 148 1145 459 164 11163 443 170 10738 415 183 10984 424 306 10828 419 435 10931 426 528 10996 427	NUMBER MILK FAT  1295 11340 462 1230 11259 460 1277 11159 455  1110 10908 443 953 10726 432 932 10627 431  1497 10537 428 1802 10507 428 1953 10663 434	NUMBER MILK FAT  245 8864 338 212 9093 343 244 8946 335  173 8708 331 129 8438 318 129 8438 318 238 7923 300 300 7874 303 343 7845 303	NON-REGISTEREO NUMBER MILK FAT 16 10289 391 12 9595 376 12 10428 386 22 10008 397 18 10848 423 41 10265 379 36 10600 395 62 11052 418 74 10765 419	NUMBER MILK FAT  261 8951 342 224 9120 345 256 9015 337  195 8855 338 147 8733 331 170 8800 330  274 8274 312 362 8418 323 417 8363 323
CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY 1164 11321 461 FEBRUARY 1100 11215 460 MARCH 1129 11116 454 APRIL 946 10863 443 JUNE 769 10540 433  JULY 1191 10462 430 AUGUST 1367 10372 429	NON-REGISTERED NUMBER MILK FAT 131 11508 466 130 11632 462 148 11485 459 164 11163 443 170 10738 415 183 10984 424 306 10828 419 435 10931 426	NUMBER MILK FAT  1295 11340 462 1230 11259 460 1277 11159 455  1110 10908 443 953 10726 432 932 10627 431  1497 10537 428 1802 10507 428	NUMBER MILK FAT  245 8864 338 212 9093 343 244 8946 335  173 8708 331 129 8438 318 129 8335 314  238 7923 300 300 7874 303	NON-REGISTEREO NUMBER MILK FAT 16 10289 391 12 9595 376 12 10428 386 22 10008 397 18 10848 423 41 10265 379 36 10600 395 62 11052 418	NUMBER MILK FAT  261 8951 342 224 9120 345 256 9015 337  195 8855 338 147 8733 331 170 8800 330  274 8274 312 362 8418 323
CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY 1164 11321 461 FEBRUARY 1100 11215 460 MARCH 1129 11116 454  APRIL 946 10863 443  AV 763 10724 435  JUNE 1191 10462 430  AUGUST 1367 10372 429 SEPTEMBER 1425 10540 437  OCTOBER 1457 10846 451  NOVEMBER 1452 11145 461	NON-REGISTERED NUMBER MILK FAT 131 11508 466 130 11632 462 148 1145 459 164 11163 443 170 10738 415 183 10984 424 306 10828 419 435 10931 426 528 10996 427 508 11249 440 477 11511 451	NUMBER MILK FAT  1295 11340 462 1230 11259 460 1277 11159 455  1110 10908 443 953 10726 432 932 10627 431  1497 10537 428 1802 10507 428 1802 10507 428 1953 10663 434  1965 10950 448 1909 11237 459	NUMBER MILK FAT  245 8864 338 212 9093 343 244 8946 335 173 8708 331 129 8438 318 129 8335 314 238 7923 300 300 7874 303 343 7845 303  287 8296 324 294 8421 326	NON-REGISTEREO NUMBER MILK FAT  16 10289 391 12 9595 376 12 10428 386 22 10008 397 18 10848 423 41 10265 379 36 10600 395 62 11052 418 74 10765 419 63 11471 424 76 10717 415	NUMBER MILK FAT  261 8951 342 224 9120 345 256 9015 337  195 8855 338 147 8733 331 170 8800 330 274 8274 312 362 8418 323 417 8363 323 350 8888 342 370 8892 344
CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY 1164 11321 461 FEBRUARY 1100 11215 460 MARCH 1129 1116 454  APRIL 946 10863 443 MAY 763 10724 435 JUNE 749 10540 433  JULY 1101 10462 430  AUGUST 1367 10372 429 SEPTEMBER 1425 10540 437  OCTOBER 1425 10540 437  OCTOBER 1425 1145 461  ROVEMBER 1422 11145 461  ECCEMBER 1206 11262 461	NON-REGISTERED NUMBER MILK FAT 131 11508 466 130 11632 462 148 11455 459 164 11163 443 170 10738 415 183 10984 424 306 10828 419 435 10931 426 528 10996 427 508 11249 440 477 11511 451 384 11484 441	NUMBER MILK FAT  1295 11340 462 1230 11259 460 1277 11159 455  1110 10908 443 953 10726 432 932 10627 431  1497 10537 428 1802 10507 428 1802 10507 428 1953 10663 434  1965 10950 448 1909 11237 459 1590 11316 456	NUMBER MILK FAT  245 8864 338 212 9093 343 244 8946 335  173 8708 331 129 8438 318 129 8335 314 238 7923 300 300 7874 303 343 7845 303 287 8296 324 294 8421 326 209 8534 325	NON-REGISTEREO NUMBER MILK FAT  16 10289 391 12 9595 376 12 10428 386 22 10008 397 18 10848 423 41 10265 379 36 10600 395 62 11052 418 74 10765 419 63 11471 424 76 10717 415 62 10610 405	NUMBER MILK FAT  261 8951 342 224 9120 345 256 9015 337  195 8855 338 147 8733 331 170 8800 330 274 8274 312 362 8418 323 417 8363 323 350 8868 342 370 8892 344 271 9009 344
CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY 1164 11321 461 FEBRUARY 1100 11215 460 MARCH 1129 11116 454  APRIL 946 10863 443 MAY 783 10724 435 JUNE 10540 433  JULY 1101 10462 430 AUGUST 1367 10372 429 SEPTEMBER 1425 10540 437  OCTOBER 1457 10846 451 NOVEMBER 1432 11145 461 OECEMBER 1206 11262 461  YEAR AV. 13949 10871 447	NON-REGISTERED NUMBER MILK FAT  131 11508 466 130 11632 462 148 11485 459 164 11163 443 170 10738 415 183 1098 424 306 10828 419 435 10931 426 528 10996 427 508 11249 440 477 11511 451 384 11484 441 3564 11188 437	NUMBER MILK FAT  1295 11340 462 1230 11259 460 1277 11159 455  1110 10908 443 953 10726 432 932 10627 431  1497 10537 428 1802 10507 428 1802 10507 428 1953 10663 434  1965 10950 448 1909 11237 459 1590 11316 456	NUMBER MILK FAT  245 8864 338 212 9093 343 244 8946 335  173 8708 331 129 8438 318 129 8335 314  238 7923 300 300 7874 303 343 7845 303 343 7845 303 287 8296 324 294 8421 326 209 8534 325 2803 8395 321	NON-REGISTEREO NUMBER MILK FAT  16 10289 391 12 9595 376 12 10428 386 22 10008 397 18 10848 423 41 10265 379 36 10600 395 62 11052 418 74 10765 419 63 11471 424 76 10717 415 62 10610 405 494 10728 409	NUMBER MILK FAT  261 8951 342 224 9120 345 256 9015 337  195 8855 338 147 8733 331 170 8800 330 274 8274 312 362 8418 323 417 8363 323 350 8868 342 370 8892 344 271 9009 344 3297 8745 334
CALVING MONTH NUMBER MILK FAT  JANUARY 1164 11321 461 FEBRUARY 1100 11215 460 MARCH 1129 11116 454  APRIL 946 10863 443  JULY 1191 10462 430 AUGUST 1367 10372 429 SEPTEMBER 1425 10540 437  OCTOBER 1457 10846 451 NOVEMBER 1432 1115 461 OECEMBER 1206 11262 461  YEAR AV. 13949 10871 447	NON-REGISTERED NUMBER MILK FAT 131 11508 466 130 11632 462 148 11485 459 164 11163 443 170 10738 415 183 10984 424 306 10828 419 435 10931 426 528 10996 427 508 11249 440 477 11511 451 384 1188 437 REO GANE	NUMBER MILK FAT  1295 11340 462 1230 11259 460 1277 11159 455  1110 10908 443 953 10726 432 932 10627 431  1497 10537 428 1802 10507 428 1802 10507 428 1903 1063 434  1965 10950 448 1909 11237 459 1590 11316 456  17513 10935 445	NUMBER MILK FAT  245 8864 338 212 9093 343 244 8946 335  173 8708 331 129 8438 318 129 8335 314  238 7923 300 300 7874 303 343 7845 303 287 8296 324 294 8421 326 209 8534 325 2803 8395 321	NON-REGISTEREO NUMBER MILK FAT  16 10289 391 12 9595 376 12 10428 386 22 10008 397 18 10848 423 41 10265 379 36 10600 395 62 11052 418 74 10765 419 63 11471 424 76 10717 415 62 10610 405	NUMBER MILK FAT  261 8951 342 224 9120 345 256 9015 337  195 8855 338 147 8733 331 170 8800 330 274 8274 312 362 8418 323 417 8363 323 350 8868 342 370 8892 344 271 9009 344 3297 8745 334
CALVING MONTH NUMBER MILK FAT  JANUARY 1164 11321 461 FEBRUARY 1100 11215 460 MARCH 1129 1116 454  APRIL 946 10863 443  MAY 763 10724 435  JUNE 749 10540 433  JULY 1191 10462 430 AUGUST 1367 10372 429 SEPTEMBER 1457 10846 451 NOVEMBER 1432 11145 461 OECEMBER 1206 11262 461  YEAR AV. 13949 10871 447	NON-REGISTERED NUMBER MILK FAT 131 11508 466 130 11632 462 148 11485 459 164 11163 443 170 10738 415 183 10984 424 306 10828 419 435 10931 426 528 10996 427 508 11249 440 477 11511 451 384 1188 437 REO GANE	NUMBER MILK FAT  1295 11340 462 1230 11259 460 1277 11159 455  1110 10908 443 953 10726 432 932 10627 431  1497 10537 428 1802 10507 428 1802 10507 428 1903 1063 434  1965 10950 448 1909 11237 459 1590 11316 456  17513 10935 445	NUMBER MILK FAT  245 8864 338 212 9093 343 244 8946 335  173 8708 331 129 8438 318 129 8335 314  238 7923 300 300 7874 303 343 7845 303 287 8296 324 294 8421 326 209 8534 325 2803 8395 321	NON-REGISTEREO NUMBER MILK FAT  16 10289 391 12 9595 376 12 10428 386 22 10008 397 18 10848 423 41 10265 379 36 10600 395 62 11052 418 74 10765 419 63 11471 424 76 10717 415 62 10610 405 494 10728 409  RED PDLL  NON-REGISTEREO	NUMBER MILK FAT  261 8951 342 224 9120 345 256 9015 337  195 8855 338 147 8733 331 170 8800 330 274 8274 312 362 8418 323 417 8363 323 350 8868 342 370 8892 344 271 9009 344 3297 8745 334
CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY 1164 11321 461 FEBRUARY 1100 11215 460 MARCH 1129 11116 454  APRIL 946 10863 443  AJULY 1191 10462 430 AUGUST 1367 10372 429 SEPTEMBER 1425 10540 437  OCTOBER 1425 10540 437  OCTOBER 1477 10846 451 NOVEMBER 1432 11145 461 OECEMBER 1206 11262 461  YEAR AV. 13949 10871 447  CALVING REGISTEREO MONTH NUMBER MILK FAT JANUARY FEBRUARY	NON-REGISTERED NUMBER MILK FAT  131 11508 466 130 11632 462 148 1165 459 164 11163 443 170 10738 415 183 1098 424 435 10931 426 528 10996 427 508 11249 440 477 11511 451 384 11188 437  REO OANE  NON-REGISTERED NUMBER MILK FAT  12 11724 447 5 9206 372	NUMBER MILK FAT  1295 11340 462 1230 11259 460 1277 11159 455  1110 10908 443 953 10726 432 932 10627 431  1497 10537 428 1802 10507 428 1953 10663 434 1965 10950 448 1909 11237 459 1590 11316 456  17513 10935 445  NUMBER MILK FAT  12 11724 447 5 9206 372	NUMBER MILK FAT  245 8864 338 212 9093 343 244 8946 335  173 8708 331 129 8438 318 129 8335 314  238 7923 300 300 7874 303 343 7845 303 343 7845 303 3287 8296 324 294 8421 326 209 8534 325 2803 8395 321	NON-REGISTERED NUMBER MILK FAT  16 10289 391 12 9595 376 12 10428 386 22 10008 397 18 10848 423 41 10265 379 36 10600 395 62 11052 418 74 10765 419 63 11471 424 76 10717 415 62 10610 405 494 10728 409  RED POLL  NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT  261 8951 342 224 9120 345 256 9015 337  195 8855 338 147 8733 331 170 8800 330 274 8274 312 362 8418 323 417 8363 323 350 8868 342 370 8892 344 271 9009 344 3297 8745 334
CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY 1164 11321 461 FEBRUARY 1100 11215 460 MARCH 1129 1116 454  APRIL 946 10863 443 MAY 763 10724 435 JULY 1191 10462 430  JULY 1191 10462 430  AUGUST 1367 10372 429 SEPTEMBER 1425 10540 437  OCTOBER 1457 10846 451 NOVEMBER 1432 11145 461 OECEMBER 1206 11262 461  YEAR AV. 13949 10871 447  CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY FEBRUARY MARCH  APRIL MAY JUNE JUNE	NON-REGISTERED NUMBER MILK FAT  131 11508 466 130 11632 462 148 11465 459 164 11163 443 170 10738 415 183 1094 424 306 10828 419 435 10931 426 528 10996 427 508 11249 440 477 11511 451 384 11484 441 3564 11188 437  REO OANE NON-REGISTERED NUMBER MILK FAT 12 11724 447 5 9206 372 8 9128 410 1 9990 383 7 10179 408 13 11115 465 16 8780 341 28 9201 375	NUMBER MILK FAT  1295 11340 462 1230 11259 460 1277 11159 455  1110 10908 443 953 10726 432 952 10627 431 1497 10537 428 1802 10507 428 1802 10507 428 1953 10663 434 1965 10950 448 1909 11237 459 1590 11316 456  17513 10935 445   ALL  NUMBER MILK FAT  12 11724 447 5 9206 372 8 9128 410 1 9990 383 7 10179 408 13 11115 465  16 8780 341 28 9201 375	NUMBER MILK FAT  245 8864 338 212 9093 343 244 8946 335  173 8708 331 129 8438 318 129 8335 314  238 7923 300 300 7874 303 343 7845 303 3287 8296 324 294 8421 326 209 8534 325 2803 8395 321  REGISTERED NUMBER MILK FAT  1 9580 335  2 6160 244 5 7234 317 6 7890 322 4 7670 324 8 6433 267	NON-REGISTEREO NUMBER MILK FAT  16 10289 391 12 9595 376 12 10428 386 22 10008 397 18 10848 423 41 10265 379 36 11052 418 74 10765 419 63 11471 424 76 10717 415 62 10610 405 494 10728 409  RED POLL  NON-REGISTEREO NUMBER MILK FAT  1 6780 293	NUMBER MILK FAT  261 8951 342 224 9120 345 256 9015 337  195 8855 338 147 8733 331 170 8800 330 274 8274 312 362 8418 323 417 8363 323 350 8868 342 370 8892 344 271 9009 344 3297 8745 334  NUMBER MILK FAT  2 8180 314  2 6160 244 5 7234 317 10 7886 314 12 852 349 8 6433 267
CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY 1164 11321 461 FEBRUARY 1100 11215 460 MARCH 1129 11116 544  APRIL 946 10863 443 MAY 783 10724 435 JULY 1191 10462 430 AUGUST 1367 10372 429 SEPTEMBER 1425 10540 437  OCTOBER 1457 10846 451 NOVEMBER 1432 11145 461 OECEMBER 1206 11262 461 YEAR AV. 13949 10871 447  CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER	NON-REGISTERED NUMBER MILK FAT  131 11508 466 130 11632 466 148 11485 459 164 11163 443 170 10738 415 183 1094 424 306 10828 419 435 10931 426 528 10996 427 508 11249 440 477 11511 451 384 11484 441 3564 11188 437  REO OANE  NON-REGISTERED NUMBER MILK FAT 12 11724 447 5 9206 372 8 9128 410 1 9990 383 7 10179 408 13 11115 465 16 8780 341 28 9201 375 17 10285 415 25 9573 390	NUMBER MILK FAT  1295 11340 462 1230 11259 460 1277 11159 455  1110 10908 443 953 10726 432 932 10627 431  1497 10537 428 1802 10507 428 1802 10507 428 1993 10663 434  1965 10950 448 1909 11237 459 1590 11316 456  17513 10935 445   NUMBER MILK FAT  12 11724 447 5 9206 372 8 9128 410 1 9990 383 7 10179 408 13 11115 465 16 8780 341	NUMBER MILK FAT  245 8864 338 212 9093 343 244 8946 335  173 8708 331 129 8438 318 129 8335 314  238 7923 300 300 7874 303 343 7845 303 3287 8296 324 294 8421 326 209 8534 325 2803 8395 321  REGISTERED NUMBER MILK FAT  1 9580 335  2 6160 244 5 7234 317 6 7890 322 4 7670 324 8 6433 267 20 7941 320 20 7569 328	NON-REGISTEREO NUMBER MILK FAT  16 10289 391 12 9595 376 12 10428 386 22 10008 397 18 10848 423 41 10265 379 62 11052 418 74 10765 419 63 11471 424 76 10717 415 62 10010 405 494 10728 409  RED PDLL  NON-REGISTEREO NUMBER MILK FAT  1 6780 293	NUMBER MILK FAT  261 8951 342 224 9120 345 256 9015 337  195 8855 338 147 8733 331 170 8800 330 274 8274 312 362 8418 323 417 8363 323 350 8868 342 370 8892 344 271 9009 344 3297 8745 334   NUMBER MILK FAT  2 8180 314  2 6160 244 5 7234 317 10 7886 314  12 8522 349 8 6433 267 27 7941 330
CALVING MONTH NUMBER MILK FAT  JANUARY 1164 11321 461 FEBRUARY 1100 11215 460 MARCH 1129 11116 454  APRIL 946 10863 443  JUNE 749 10540 433  JULY 1191 10462 430 AUGUST 1367 10372 429 SEPTEMBER 1425 10540 437  OCTOBER 1457 10846 451 NOVEMBER 1432 11145 461 OECEMBER 1206 11262 461  YEAR AV. 13949 10871 447  CALVING MONTH NUMBER MILK FAT JANUARY FEBRUARY MARCH  APRIL MAY JUNE JULY 1145 461  REGISTEREO NUMBER MILK FAT  JANUARY FEBRUARY MARCH  APRIL MAY JUNE JULY 1145 461  JUNE JULY 1100 REGISTEREO NUMBER MILK FAT  SEPTEMBER  OCTOBER	NON-REGISTERED NUMBER MILK FAT  131 11508 466 130 11632 462 148 11485 459 164 11163 443 170 10738 415 183 10984 424 306 10828 419 435 10931 426 528 10996 427 508 11249 440 477 11511 451 384 1188 437  REO OANE NON-REGISTERED NUMBER MILK FAT 5 9206 372 8 9128 410 1 9990 383 7 10179 408 13 11115 465 16 8780 341 28 9201 375 17 10285 415	NUMBER MILK FAT  1295 11340 462 1230 11259 460 1277 11159 455  1110 10908 443 953 10726 432 932 10627 431  1497 10537 428 1802 10507 428 1802 10507 428 1903 10663 434  1965 10950 448 1909 11237 459 1590 11316 456  17513 10935 445   NUMBER MILK FAT  12 11724 447 5 9206 372 8 9128 410  1 9990 383 7 10179 408 13 11115 465  16 8780 341 28 9201 375 17 10285 415  25 9573 390	NUMBER MILK FAT  245 8864 338 212 9093 343 244 8946 335  173 8708 331 129 8438 318 129 8335 314  238 7923 300 300 7874 303 343 7845 303 3287 8296 324 294 8421 326 209 8534 325 2803 8395 321  REGISTERED NUMBER MILK FAT  1 9580 335  2 6160 244 5 7234 317 6 7890 322 4 7670 324 8 6433 267 7941 320 20 7569 328	NON-REGISTEREO NUMBER MILK FAT  16 10289 391 12 97959 376 12 10428 386  22 10008 397 18 10408 423 41 10255 379 36 10600 395 62 11052 418 74 10705 419 63 11471 424 76 10717 415 62 10610 405 494 10728 409  RED PDLL NON-REGISTEREO NUMBER MILK FAT  1 6780 293  4 7880 302 8 8948 361	NUMBER MILK FAT  261 8951 342 224 9120 345 256 9015 337  195 8855 338 147 8733 331 170 8800 330 274 8274 312 362 8418 323 417 8363 323 350 8868 342 370 8892 344 271 9009 344 3297 8745 334  NUMBER MILK FAT  2 8180 314  2 6160 244 5 7234 317 10 7886 314 12 852 349 8 6433 267 20 7941 320

HAINE 11

JULY AUGUST SEPTENBER

OCTOBER NOVENBER OECENBER YEAR AV.

			1		
	AYRSHIRE			GUERNSEY	
CALVING REGISTERED NONTH NUMBER NILK FAT	NON-REGISTEREO NUMBER MILK FAT	NUNBER NILK FAT	REGISTEREO NUNBER MILK FAT	NON-REGISTEREO NUNBER NILK FAT	ALL NUMBER NILK FAT
JANUARY 30 10345 427 FEBRUARY 43 10824 442 NARCH 50 10081 402	11 9465 391 9 10578 396 16 10976 441	41 10109 417 52 10781 434 66 10298 411	55 9025 426 62 9268 446 61 9237 449	41 10500 463 50 9520 406 93 9717 425	96 9655 442 112 9381 428 154 9527 435
APRIL 30 9926 407 MAY 16 8549 355 JUNE 20 9783 400	9 9441 364 7 10489 386 6 9643 367	39 9814 397 23 9140 365 26 9750 392	84 8595 421 47 8624 418 52 9013 436	61 9535 412 57 9427 397 57 10281 409	145 8991 417 104 9064 407 109 9676 422
JULY 19 8829 364 AUGUST 24 9542 405 SEPTENBER 33 9234 392	9 10297 383 10 10113 401 15 9340 379	28 9301 370 34 9710 404 48 9267 388	70 8188 393 81 8204 400 99 9385 465	112 9784 413 119 9549 405 122 9606 410	182 9170 405 200 9004 403 221 9507 435
OCTOBER 27 9799 416 NOVENBER 25 9670 394 OECENBER 22 10234 412	16 10601 429 11 10570 427 13 11045 427	43 10097 420 36 9945 404 35 10535 418	101 9148 451 91 9448 466 68 9288 447	171 10215 439 134 10126 427 154 10517 436	272 9819 444 225 9852 443 222 10140 439
YEAR AV. 339 9861 406	132 10262 404	471 9974 405	871 8970 437	1171 9942 422	2042 9527 428
	HOLSTEIN			JERSEY	
CALVING REGISTERED	NON-REGISTEREO	ALL	REGISTEREO	NON-REGISTEREO	ALL
NONTH NUMBER NILK FAT	NUNBER NILK FAT 274 11977 460	NUNBER NILK FAT 534 12963 495	NUMBER NILK FAT		NUMBER MILK FAT
JANUARY 260 14002 532 FEBRUARY 204 13903 520 NARCH 301 12989 491	279 11661 441 511 11449 437	483 12608 475 812 12020 457	74 8687 444 71 8742 450 106 9128 469	37 8614 431 31 8610 418 48 8973 414	111 8663 440 102 8702 440 154 9080 452
APRIL 176 13197 509 MAY 130 13049 497 JUNE 192 12603 477	357 11362 435 256 10931 421 303 10846 411	533 11968 459 386 11645 446 495 11528 436	55 8418 439 42 8486 452 51 8689 458	41 8929 423 31 8465 403 34 8571 423	96 8636 432 73 8477 431 85 8642 444
JULY 289 12452 476 AUGUST 304 12723 485 SEPTEMBER 342 13378 509	450 10874 415 532 10934 418 631 11205 433	739 11491 439 836 11585 442 973 11969 460	85 7904 415 100 7829 418 132 8321 439	60 9027 415 48 8750 401 67 8435 429	145 8369 415 148 8127 412 199 8359 436
OCTOBER 324 13609 518 NOVENBER 348 13838 526 OECEMBER 293 13846 524	588 11723 454 513 11690 451 464 11482 440	912 12393 477 861 12558 481 757 12397 472	133 8528 452 123 8895 473 101 9341 487	81 8698 432 88 9283 429 64 9413 432	214 8592 445 211 9057 455 165 9369 465
YEAR AV. 3163 13326 506	5158 11346 435	8321 12099 462	1073 8591 451	630 8868 423	1703 8694 440
	BROWN SWISS			N. SHORTHORN	
CALVING REGISTERED MONTH NUMBER NILK FAT	NON-REGISTEREO	ALL NUMBER NILK FAT	REGISTEREO NUNBER MILK FAT	NON-REGISTERED NUNBER MILK FAT	ALL NUNBER MILK FAT
JANUARY 1 14230 624 FEBRUARY 2 9605 420 NARCH		1 14230 624 2 9605 420	7 8166 319 5 8286 347 8 8786 325	1 11630 424 1 12490 488	8 8599 332 6 8987 370 8 8786 325
APRIL 5 11418 464 NAY 1 12400 477 JUNE 4 9795 397		5 11418 464 1 12400 477 4 9795 397	5 8884 368 6 8707 330 3 8500 329	2 11490 434 3 9693 364	7 9629 386 6 8707 330 6 9097 347
JULY 3 10823 422 AUGUST 4 11853 487 SEPTENBER 2 9780 365		3 10823 422 4 11853 487 2 9780 365	14 8107 318 8 8473 317 9 5570 225	1 12070 524 3 11087 437 2 8985 347	15 8371 332 11 9185 350 11 6191 247
OCTOBER 1 9860 415 NOVEMBER 1 8890 354	1 10460 480	1 9860 415 2 9675 417 6 11637 476	7 8990 346 7 7760 301 2 8480 326	7 8539 341 7 9999 428 2 13130 454	14 8764 344 14 8879 365 4 10805 390
OECEMBER 6 11637 476 YEAR AV. 30 11004 447	1 10460 480	31 10986 448	81 8107 316	29 10190 403	110 8656 339
CALVING REGISTEREO	REO OANE NON-REGISTEREO	ALL	REGISTEREO	REO POLL NON-REGISTEREO	ALL
NONTH NUNBER MILK FAT JANUARY FEBRUARY MARCH	NUMBER MILK FAT			NUNSER NILK FAT	
APRIL NAY JUNE					

NEW HAMPSHIRE 12

OCTOBER NOVEMBER OECEMBER YEAR AV.

	AYRSHIRE			GUERNSEY	
CALVING REGISTEREO MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT
JANUARY 45 10510 432 FE8RUARY 34 10424 432 MARCH 53 9569 396	5 8572 342 4 9825 353	45 10510 432 39 10187 420 57 9587 393	58 9452 451 67 9063 412 47 8908 417	12 9094 387 11 9815 428 20 9695 398	70 9390 440 78 9169 415 67 9143 411
APRIL 27 9647 399 MAY 19 10839 436	7 9849 398 5 9924 386	34 9689 399 24 10649 425	46 9517 441 32 8129 380	21 8378 349 11 8215 391	67 9160 412 43 8151 383
JUNE 36 9110 383 JULY 50 10048 405	2 11980 474 4 11653 419	38 9261 388 54 10167 406	28 8443 405 63 8749 419	18 8005 347 25 8502 336	46 8272 382 88 8679 395
AUGUST 74 10518 428 SEPTEMBER 73 10320 428	12 9389 372 17 9595 401	86 10360 420 90 10183 423	63 8419 408 55 9247 446	31 9378 409 36 9829 413	94 8736 408 91 9478 433
OCTOBER 72 10513 437 NOVEMBER 63 11023 449 OECEMBER 61 11001 455	7 9389 419 17 9882 382 11 10275 383	79 10414 435 80 10781 435 72 10890 444	69 8602 409 73 9144 437 46 9200 430	27 9527 404 18 9164 398 24 10107 428	96 8862 408 91 9148 429 70 9511 429
YEAR AV. 607 10355 426	91 9822 389	698 10286 421	647 8938 423	254 9225 392	901 9019 414
	HOLSTEIN			JERSEY	
CALVING REGISTEREO MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT
JANUARY 217 13403 514 FEBRUARY 198 13092 493 MARCH 202 13010 497	68 11439 428 79 12259 468 137 12159 466	285 12934 493 277 12855 486 339 12666 484	61 9136 477 49 8953 468 31 8780 482	7 10840 479 7 9540 467 21 9830 441	68 9312 478 56 9026 468 52 9204 465
APRIL 150 13011 491 MAY 119 12561 480 JUNE 136 12319 470	98 10993 426 78 11117 448 74 10666 409	248 12214 465 197 11989 467 210 11737 449	21 8770 485 19 8707 451 10 7905 432	16 10308 443 5 8384 361 14 8549 401	37 9435 467 24 8640 432 24 8280 414
JULY 223 12123 465 AUGUST 300 12378 473	127 10873 416 210 11363 450	350 11669 447 510 11960 463	40 7993 437 65 8278 447	22 8918 365 41 9191 400	62 8321 411 106 8631 429
SEPTEMBER 357 12624 486 OCTOBER 340 13151 505	248 11045 434 237 11483 446	605 11977 464 577 12466 481	91 8157 447 95 8746 470	46 10060 459 30 10057 447	137 8796 451 125 9061 465
NOVEMBER 272 13312 508 OECEMBER 307 13337 515	188 11882 457 172 12170 482	460 12727 487 479 12918 503	76 9056 481 76 9308 482	22 9866 428 19 9984 452	98 9238 469 95 9443 476
YEAR AV. 2821 12889 493	1716 11481 447	4537 12356 476	634 8712 465	250 9679 430	884 8986 455
CALVING REGISTERED	NON-REGISTEREO	ALL	REG1STEREO	M. SHORTHORN NON-REGISTEREO	ALL
MONTH NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT
JANUARY 1 13990 523 FEBRUARY 3 9357 373 MARCH 2 11440 406	1 7770 277	2 10880 400 3 9357 373 2 11440 406	2 11375 419 2 8305 346 1 5800 241		2 11375 419 2 8305 346 1 5800 241
APRIL 3 9823 429		3 9823 429	3 6993 248	1 9540 383	4 7630 282
JUNE 2 9440 377 JULY		2 9440 377	1 8020 318	2 7690 327	3 7800 324
AUGUST 5 8644 368 SEPTEMBER 1 11050 443	1 10800 341	5 8644 368 2 10925 392	1 8410 321 4 8690 328	2 10430 432	1 8410 321 6 9270 362
OCTOBER 6 10052 413 NOVEMBER 1 10940 421 OECEMBER 3 11787 461		6 10052 413 1 10940 421 3 11787 461	3 10643 408 5 7174 266 1 8390 318	1 6660 272 3 10157 400	4 9648 374 8 8293 316 1 8390 318
YEAR AV. 27 10154 410	2 9285 309	29 10094 403	23 8414 319	9 9212 375	32 8638 335
	REO OANE			REO POLL	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT
JANUARY FEORUARY March					
APRIL MAY JUNE					
JULY					
AUGUST SEPTEMBER					

VERMONT 13

			,		
	AYRSHIRE			GUERNSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT
JANUARY 98 10728 431 FEBRUARY 52 10419 421 MARCH 80 10263 414	27 10127 379 16 10608 407 27 10678 418	125 10598 419 68 10463 417 107 10368 415	65 9494 459 51 9564 449 64 8652 417	63 9521 405 39 8857 374 57 8931 389	128 9508 432 90 9257 417 121 8783 404
APRIL 45 10293 413 MAY 49 9666 385 JUNE 28 9237 365	25 10802 429 14 11330 417 36 9405 381	70 10474 419 63 10036 392 64 9332 374	45 8538 410 36 8131 392 18 8776 411	28 8644 375 30 8580 358 23 9147 380	73 8578 397 66 8335 377 41 8984 394
JULY 63 9488 392 AUGUST 131 9532 389 SEPTEMBER 217 9732 404	24 9264 362 44 9655 394 57 9987 393	87 9426 383 175 9563 390 274 9785 402	54 8548 408 89 8538 407 91 8999 435	42 8804 360 66 9172 388 100 9160 400	96 8660 387 155 8808 399 191 9083 417
OCTOBER 143 10200 419 NOVEMBER 117 10243 415 OECEMBER 126 10454 417	54 11087 441 54 9876 407 40 10132 405	197 10443 425 171 10127 412 166 10376 414	93 8944 428 90 9221 439 57 9582 456	114 9293 396 88 9049 391 58 9963 424	207 9137 410 178 9136 415 115 9775 440
YEAR AV. 1149 10045 408	418 10173 403	1567 10080 407	753 8953 428	708 9165 391	1461 9056 410
	HOLSTEIN			JERSEY	
CALVING REGISTEREO MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 324 13316 496 FEBRUARY 258 13513 498 MARCH 301 13007 483	321 11509 426 322 10884 406 511 10845 404	645 12417 461 580 12053 447 812 11647 433	258 8845 465 216 8931 471 252 8803 457	107 8669 423 144 8650 422 164 8901 411	365 8794 453 360 8818 452 416 8842 439
APRIL 188 12905 478 MAY 134 12912 473 JUNE 159 12728 473	365 10616 402 255 10335 391 265 10119 387	553 11394 428 389 11222 420 424 11098 419	170 8551 448 101 8276 440 63 7794 405	137 8319 377 87 8260 393 81 8719 377	307 8447 416 188 8269 418 144 8314 389
JULY 280 12600 474 AUGUST 462 12850 480 SEPTEMBER 655 12991 492	419 10208 388 745 10751 409 1176 10979 423	699 11166 422 1207 11554 436 1831 11698 448	139 7946 423 235 8089 430 334 8394 443	141 8645 383 304 8752 404 422 8977 408	280 8298 403 539 8463 416 756 8719 423
OCTOBER 612 13467 501 NOVEMBER 537 13321 496 OECEMBER 420 13483 503	1085 11171 432 853 11261 435 694 11228 431	1697 11999 457 1390 12057 459 1114 12078 458	351 8532 449 335 8803 464 236 8835 461	437 9429 431 320 9401 425 300 9648 422	788 9030 439 655 9095 445 536 9290 440
YEAR AV. 4330 13147 491	7011 10933 417	11341 11778 445	2690 8568 451	2644 9035 412	5334 8800 432
	OZINZ MHDDO			M. SHORTHORN	
CALVING REGISTEREO	BROWN SWISS	ALL	REGISTEREO	M. SHORTHORN NON-REGISTEREO	ALL
MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT
	NON-REGISTEREO			NON-REGISTEREO NUMBER MILK FAT 1 11720 511 1 8300 381 2 8355 327	NUMBER MILK FAT 8 9000 355 2 7520 323 5 9680 378
MONTH NUMBER MILK FAT  JANUARY 13 11552 458 FEBRUARY 13 11384 461	NON-REGISTEREO NUMBER MILK FAT 5 11030 467 2 9935 395	NUMBER MILK FAT 18 11407 461 15 11191 452	NUMBER MILK FAT 7 8611 333 1 6740 264	NON-REGISTEREO NUMBER MILK FAT 1 11720 511 1 8300 381	NUMBER MILK FAT 8 9000 355 2 7520 323
MONTH NUMBER MILK FAT  JANUARY 13 11552 458 FEBRUARY 13 11384 461 MARCH 30 11503 473  APRIL 16 11835 489 MAY 7 11153 448	NON-REGISTEREO NUMBER MILK FAT 5 11030 467 2 9935 395 14 11773 487 11 11242 479	NUMBER MILK FAT  18 11407 461 15 11191 452 44 11589 478  27 11593 485 9 10957 450	NUMBER MILK FAT  7 8611 333 1 6740 264 3 10563 413 1 6130 224	NON-REGISTEREO NUMBER MILK FAT 1 11720 511 1 8300 381 2 8355 327 1 11300 479 2 9745 426	NUMBER MILK FAT  8 9000 355 2 7520 323 5 9680 378  2 8715 352 4 10543 414
MONTH NUMBER MILK FAT  JANUARY 13 11552 458 FEBRUARY 13 11384 461 MARCH 30 11503 473  APRIL 16 11835 489 MAY 7 11153 448 JUNE 11 9023 393  JULY 13 10908 441 AUGUST 25 10985 455	NON-REGISTEREO NUMBER MILK FAT 5 11030 467 2 9935 395 14 11773 487 11 11242 479 2 10270 456 2 11500 523 15 11052 474	NUMBER MILK FAT  18 11407 461 15 11191 452 44 11589 478 27 11593 485 9 10957 450 11 9023 393 15 10987 452 40 11010 462	NUMBER MILK FAT 7 8611 333 1 6740 264 3 10563 413 1 6130 224 2 11340 403 2 11225 363 2 9735 369	NON-REGISTEREO NUMBER MILK FAT 1 11720 511 1 8300 381 2 8355 327 1 11300 479 2 9745 426 4 9253 354	NUMBER MILK FAT  8 9000 355 2 7520 323 5 9680 378 2 8715 352 4 10543 414 4 9253 354 2 11223 363 4 9998 403
MONTH NUMBER MILK FAT  JANUARY 13 11552 458 FEBRUARY 13 11384 461 MARCH 30 11503 473  APRIL 16 11835 489 MAY 7 11153 448 JUNE 11 9023 393  JULY 13 10908 441 AUGUST 25 10985 455 SEPTEMBER 15 12758 543 NOVEMBER 26 10799 548	NON-REGISTEREO NUMBER MILK FAT 5 11030 467 2 9935 395 14 11773 487 11 11242 479 2 10270 456 2 11500 523 15 11052 474 9 10624 470 6 8780 324 10 10596 420	NUMBER MILK FAT  18 11407 461 15 11191 452 44 11589 478 27 11593 485 9 10957 450 11 9023 393 15 10987 452 40 11010 462 26 11055 472 21 11621 481 36 10706 447	NUMBER MILK FAT 7 8611 333 1 6740 264 3 10563 413 1 6130 224 2 11340 403 2 11225 363 2 9735 369 6 11133 418 1 9450 335 3 9537 343	NON-REGISTEREO NUMBER MILK FAT 1 11720 511 1 8300 381 2 8355 327 1 11300 479 2 9745 426 4 9253 354 2 10075 491 3 8810 353 3 10777 438	NUMBER MILK FAT  8 9000 355 2 7520 323 5 9680 378 2 8715 352 4 10543 414 4 9253 354 4 9998 403 8 1111 9437 4 8970 348 6 10157 390
MONTH NUMBER MILK FAT  JANUARY 13 11552 458 FEBRUARY 13 11384 461 MARCH 30 11503 473  APRIL 16 11835 489 MAY 7 11153 448 JUNE 11 9023 393  JULY 13 10908 441 AUGUST 25 10985 455 SEPTEMBER 17 11283 473  NOVEMBER 26 10749 458 OECEMBER 20 11475 479	NON-REGISTEREO NUMBER MILK FAT 5 11030 467 2 9935 395 14 11773 487 11 11242 479 2 10270 456 2 11500 523 15 11052 474 9 10624 470 6 8780 324 10 10596 420 3 11547 456	NUMBER MILK FAT  18 11407 461 15 11191 452 44 11589 478 27 11593 485 9 10957 450 11 9023 393 15 10987 452 40 11010 462 26 11055 472 21 11621 481 36 10706 447 23 11484 476	NUMBER MILK FAT 7 8611 333 1 6740 264 3 10563 413 1 6130 224 2 11340 403 2 11225 363 2 9735 369 6 11133 418 1 9450 335 3 9537 343 6 10410 381	NON-REGISTEREO NUMBER MILK FAT 1 11720 511 1 8300 381 2 8355 327 1 11300 479 2 9745 426 4 9253 354 2 10250 438 2 11075 491 3 8810 353 3 10777 438 4 10675 413	NUMBER MILK FAT  8 9000 355 2 7520 323 5 9680 378 2 8715 352 4 10543 414 4 9253 354 2 11225 363 4 9998 403 8 11119 437 4 8970 348 6 10157 390 10 10516 394
MONTH NUMBER MILK FAT  JANUARY 13 11552 458 FEBRUARY 13 11384 461 MARCH 30 11503 473  APRIL 16 11835 489 MAY 7 11153 448 JUNE 11 9023 393  JULY 13 10908 441 AUGUST 25 10985 455 SEPTEMBER 17 11283 473  NOVEMBER 26 10749 458 OECEMBER 20 11475 479	NON-REGISTEREO NUMBER MILK FAT 5 11030 467 2 9935 395 14 11773 487 11 11242 479 2 10270 456 2 11500 523 15 11052 474 9 10624 470 6 8780 324 10 10596 420 3 11547 456	NUMBER MILK FAT  18 11407 461 15 11191 452 44 11589 478 27 11593 485 9 10957 450 11 9023 393 15 10987 452 40 11010 462 26 11055 472 21 11621 481 36 10706 447 23 11484 476	NUMBER MILK FAT 7 8611 333 1 6740 264 3 10563 413 1 6130 224 2 11340 403 2 11225 363 2 9735 369 6 11133 418 1 9450 335 3 9537 343 6 10410 381	NON-REGISTEREO NUMBER MILK FAT 1 11720 511 1 8300 381 2 8355 327 1 11300 479 2 9745 426 4 9253 354 2 10250 438 2 11075 491 3 8810 353 3 10777 438 4 10675 413	NUMBER MILK FAT  8 9000 355 2 7520 323 5 9680 378 2 8715 352 4 10543 414 4 9253 354 2 11225 363 4 9998 403 8 11119 437 4 8970 348 6 10157 390 10 10516 394
MONTH NUMBER MILK FAT  JANUARY 13 11552 458 FEBRUARY 13 11384 461 MARCH 30 11503 473  APRIL 16 11835 489 MAY 7 11153 448 JUNE 11 9023 393  JULY 13 10908 441 AUGUST 25 10985 455 SEPTEMBER 17 11283 473  NOVEMBER 26 10749 458 OECEMBER 20 11475 479	NON-REGISTEREO NUMBER MILK FAT  5 11030 467 2 9935 395 14 11773 487 11 11242 479 2 10270 456  2 11500 523 15 11052 474 9 10624 470 6 8780 324 10 10596 420 3 11547 456  79 10908 456  REO OANE NON-REGISTEREO	NUMBER MILK FAT  18 11407 461 15 11191 452 44 11589 478 27 11593 485 9 10957 450 11 9023 393 15 10987 452 40 11010 462 26 11055 472 21 11621 447 23 11484 476 285 11159 464	NUMBER MILK FAT 7 8611 333 1 6740 264 3 10563 413 1 6130 224 2 11340 403 2 11225 363 2 9735 369 6 11133 418 1 9450 335 3 9537 343 6 10410 381 34 9905 367	NON-REGISTEREO NUMBER MILK FAT 1 11720 511 1 8300 381 2 8355 327 1 11300 479 2 9745 426 4 9253 354 2 40260 438 2 11075 491 3 8810 353 3 10777 438 4 10675 413 25 9946 407	NUMBER MILK FAT  8 9000 355 2 7520 323 5 9680 378 2 8715 352 4 10543 414 4 9253 354 2 11225 363 4 9998 403 8 11119 437 4 8970 348 6 10157 390 10 10516 394 59 9922 384
MONTH NUMBER MILK FAT  JANUARY 13 11552 458 FEBRUARY 13 11384 461 MARCH 30 11503 473  APRIL 16 11835 489 MAY 7 11153 448 JUNE 11 9023 393  JULY 13 10908 441 AUGUST 25 10985 455 SEPTEMBER 17 11283 473 OCTOBER 15 12758 543 NOVEMBER 26 10749 458 OECEMBER 20 11475 479  YEAR AV. 206 11255 467	NON-REGISTEREO NUMBER MILK FAT  5 11030 467 2 9935 395 14 11773 487 11 11242 479 2 10270 456  2 11500 523 15 11052 474 9 10624 470 6 8780 324 10 10596 420 3 11547 456  79 10908 456  REO OANE NON-REGISTEREO	NUMBER MILK FAT  18 11407 461 15 11191 452 44 11589 478 27 11593 485 9 10957 450 11 9023 393 15 10987 452 40 11010 462 26 11055 472 21 11621 447 23 11484 476 285 11159 464	NUMBER MILK FAT 7 8611 333 1 6740 264 3 10563 413 1 6130 224 2 11340 403 2 11225 363 2 9735 369 6 11133 418 1 9450 335 3 9537 343 6 10410 381 34 9905 367	NON-REGISTEREO NUMBER MILK FAT  1 11720 511 1 8300 381 2 8355 327 1 11300 479 2 9745 426 4 9253 354  2 40260 438 2 11075 491 3 8810 353 3 10777 438 4 10675 413 25 9946 407  REO POLL NON-REGISTEREO	NUMBER MILK FAT  8 9000 355 2 7520 323 5 9680 378 2 8715 352 4 10543 414 4 9253 354 2 11225 363 4 9998 403 8 11119 437 4 8970 348 6 10157 390 10 10516 394 59 9922 384
MONTH NUMBER MILK FAT  JANUARY 13 11552 458 FEBRUARY 13 11384 461 MARCH 30 11503 473  APRIL 16 11835 489 MAY 7 11153 448 JUNE 11 9023 393  JULY 13 10908 441 AUGUST 25 10985 455 SEPTEMBER 17 11283 473  OCTOBER 15 12758 458 OCCEMBER 26 10749 458 OCCEMBER 20 11475 479  YEAR AV. 206 11255 467  CALVING MONTH NUMBER MILK FAT  JANUARY FEBRUARY	NON-REGISTEREO NUMBER MILK FAT  5 11030 467 2 9935 395 14 11773 487 11 11242 479 2 10270 456  2 11500 523 15 11052 474 9 10624 470 6 8780 324 10 10596 420 3 11547 456  79 10908 456  REO OANE NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT  18 11407 461 15 11191 452 44 11589 478 27 11593 485 9 10957 450 11 9023 393 15 10987 452 40 11010 462 26 11055 472 21 11621 481 36 10706 447 23 11484 476 285 11159 464  NUMBER MILK FAT	NUMBER MILK FAT 7 8611 333 1 6740 264 3 10563 413 1 6130 224 2 11340 403 2 11225 363 2 9735 369 6 11133 418 1 9450 335 3 9537 343 6 10410 381 34 9905 367	NON-REGISTEREO NUMBER MILK FAT  1 11720 511 1 8300 381 2 8355 327 1 11300 479 2 9745 426 4 9253 354  2 40260 438 2 11075 491 3 8810 353 3 10777 438 4 10675 413 25 9946 407  REO POLL NON-REGISTEREO	NUMBER MILK FAT  8 9000 355 2 7520 323 5 9680 378 2 8715 352 4 10543 414 4 9253 354 2 11225 363 4 9998 403 8 11119 437 4 8970 348 6 10157 390 10 10516 394 59 9922 384
MONTH NUMBER MILK FAT  JANUARY 13 11552 458 FEBRUARY 13 11384 461 MARCH 30 11503 473  APRIL 16 11835 489 MAY 7 11153 448 JUNE 11 9023 393  JULY 13 10908 441 AUGUST 25 10985 455 SEPTEMBER 17 11283 473  OCTOBER 15 12758 543 NOVEMBER 26 10749 458 OCCEMBER 20 11475 479  YEAR AV. 206 11255 467  CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY FEBRUARY MARCH  APRIL MAY	NON-REGISTEREO NUMBER MILK FAT  5 11030 467 2 9935 395 14 11773 487 11 11242 479 2 10270 456  2 11500 523 15 11052 474 9 10624 470 6 8780 324 10 10596 420 3 11547 456  79 10908 456  REO OANE NON-REGISTEREO NUMBER MILK FAT  3 8530 363 7 8889 408	NUMBER MILK FAT  18 11407 461 15 11191 452 44 11589 478 27 11593 485 9 10957 450 11 9023 393 15 10987 452 40 11010 462 26 11055 472 21 11621 481 36 10706 447 23 11484 476 285 11159 464  NUMBER MILK FAT  3 8530 363 7 8889 408	NUMBER MILK FAT 7 8611 333 1 6740 264 3 10563 413 1 6130 224 2 11340 403 2 11225 363 2 9735 369 6 11133 418 1 9450 335 3 9537 343 6 10410 381 34 9905 367	NON-REGISTEREO NUMBER MILK FAT  1 11720 511 1 8300 381 2 8355 327 1 11300 479 2 9745 426 4 9253 354  2 40260 438 2 11075 491 3 8810 353 3 10777 438 4 10675 413 25 9946 407  REO POLL NON-REGISTEREO	NUMBER MILK FAT  8 9000 355 2 7520 323 5 9680 378 2 8715 352 4 10543 414 4 9253 354 2 11225 363 4 9998 403 8 11119 437 4 8970 348 6 10157 390 10 10516 394 59 9922 384
MONTH NUMBER MILK FAT  JANUARY 13 11552 458 FEBRUARY 13 11384 461 MARCH 30 11503 473  APRIL 16 11835 489 MAY 7 11153 448 JUNE 11 9023 393  JULY 13 10908 441 AUGUST 25 10988 455 SEPTEMBER 17 11283 473  OCTOBER 15 12758 543 NOVEMBER 26 10749 458 OECEMBER 20 11475 479  YEAR AV. 206 11255 467  CALVING REGISTEREO MUMBER MILK FAT  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST	NON-REGISTEREO NUMBER MILK FAT  5 11030 467 2 9935 395 14 11773 487 11 11242 479 2 10270 456  2 11500 523 15 11052 474 9 10624 470 6 8780 324 10 10596 420 3 11547 456  79 10908 456  REO OANE NON-REGISTEREO NUMBER MILK FAT  3 8530 363 7 8889 408	NUMBER MILK FAT  18 11407 461 15 11191 452 44 11589 478 27 11593 485 9 10957 450 11 9023 393 15 10987 452 40 11010 462 26 11055 472 21 11621 481 36 10706 447 23 11484 476 285 11159 464  NUMBER MILK FAT  3 8530 363 7 8889 408	NUMBER MILK FAT 7 8611 333 1 6740 264 3 10563 413 1 6130 224 2 11340 403 2 11225 363 2 9735 369 6 11133 418 1 9450 335 3 9537 343 6 10410 381 34 9905 367	NON-REGISTEREO NUMBER MILK FAT  1 11720 511 1 8300 381 2 8355 327 1 11300 479 2 9745 426 4 9253 354  2 40260 438 2 11075 491 3 8810 353 3 10777 438 4 10675 413 25 9946 407  REO POLL NON-REGISTEREO	NUMBER MILK FAT  8 9000 355 2 7520 323 5 9680 378 2 8715 352 4 10543 414 4 9253 354 2 11225 363 4 9998 403 8 11119 437 4 8970 348 6 10157 390 10 10516 394 59 9922 384

MASSACHUSETTS 14

YEAR AV.

	AYRSHIRE			GUERNSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT
JANUARY 7.9 10860 448 FEBRUARY 56 10129 414 MARCH 69 10214 420	13 11465 443 16 10939 438 24 10345 393	92 10945 448 72 10309 419 93 10248 413	154 9239 442 131 9095 433 141 8812 428	44 9576 429 40 9159 403 45 9578 393	198 9314 439 171 9110 426 186 8998 420
APRIL 57 9945 405 MAY 39 9614 395 JUNE 46 9013 370	22 10814 412 12 11728 448 19 9055 361	79 10187 407 51 10111 408 65 9026 368	106 8648 415 98 8999 433 82 8741 414	39 9567 412 41 8768 378 49 9416 404	145 8896 414 139 8931 416 131 8993 410
JULY 65 9310 386 AUGUST 93 9854 412 SEPTEMBER 98 10439 429	17 9869 371 20 9388 367 32 9583 392	82 9426 383 113 9772 404 130 10228 420	135 8460 406 141 8705 427 159 8589 418	55 9041 390 59 9045 408 61 9001 405	190 8628 401 200 8805 422 220 8703 415
OCTOBER 60 10076 429 NOVEMBER 79 10873 444 OECEMBER 68 10925 457	27 11185 441 29 10341 407 24 11072 424	87 10420 433 108 10730 434 92 10964 448	169 9080 441 155 9436 453 130 9085 434	68 9409 406 57 9298 403 48 9899 430	237 9174 431 212 9399 439 178 9305 433
YEAR AV. 809 10182 421	255 10403 406	1064 10235 417	1601 8923 430	606 9303 405	2207 9027 423
	HOLSTEIN			JERSEY	
CALVING REGISTEREO MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 361 13232 500 FEBRUARY 281 13160 496 MARCH 328 13120 491	256 11940 446 278 12444 461 417 12139 453	617 12696 477 559 12804 479 745 12571 470	99 9141 486 79 9095 490 76 8689 451	25 8884 431 23 9480 431 47 10978 451	124 9089 475 102 9182 476 123 9563 451
APRIL 267 13301 497 MAY 191 12839 478 JUNE 239 12826 488	367 11671 434 321 11707 435 387 11381 431	634 12357 461 512 12130 451 626 11933 453	78 8418 442 42 8623 449 63 8503 435	37 10151 428 33 9948 399 43 9435 400	115 8975 437 75 9206 427 106 8881 421
JULY 415 12814 482 AUGUST 457 12856 486 SEPTEMBER 444 12991 496	577 11058 418 643 11089 420 645 11350 431	992 11793 445 1100 11823 447 1089 12019 457	94 8554 459 102 8245 448 86 8528 462	52 9663 415 55 10235 422 70 9639 406	146 8949 443 157 8942 439 156 9026 437
OCTOBER 496 13306 504 NOVEMBER 450 13585 510 OECEMBER 438 13697 513	681 12008 454 627 11942 450 509 12228 460	1177 12555 475 1077 12629 475 947 12908 484	141 8628 464 110 8458 456 116 9284 483	85 10115 421 75 9999 422 53 10597 440	226 9187 448 185 9083 443 169 9696 470
YEAR AV. 4367 13172 496	5708 11693 440	10075 12334 464	1086 8693 462	598 9995 421	1684 9155 448
	BROWN SWISS			M. SHORTHORN	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 23 10027 412 FEBRUARY 22 10730 458 MARCH 16 11138 488	2 9360 369 3 13697 521	23 10027 412 24 10615 450 19 11542 493	4 6183 247 2 9565 376 2 7745 280		4 6183 247 2 9565 376 2 7745 280
APRIL 26 10228 439 MAY 18 10761 461 JUNE 18 9212 391	4 10135 363 4 10795 382 2 10230 434	30 10215 429 22 10767 446 20 9314 395	2 7715 293 1 6150 209 2 8085 315	1 7500 276	2 7715 293 1 6150 209 3 7890 302
JULY 16 7511 316 AUGUST 22 11226 490 SEPTEMBER 27 10465 429	6 10635 437 7 9919 401 8 11121 420	22 8363 349 29 10910 468 35 10615 427	1 6530 235 2 8345 296 6 7658 305		1 6530 235 2 8345 296 6 7658 305
OCTOBER 8 9728 411 NOVEMBER 23 10456 437 OECEMBER 25 12125 524	5 11142 449 6 12728 567 3 11157 463	13 10272 425 29 10926 464 28 12021 517	5 8486 332 13 6863 273 3 7550 313	1 7930 395	5 8486 332 13 6863 273 4 7645 334
YEAR AV. 244 10416 442	50 11035 439	294 10521 442	43 7455 291	2 7715 336	45 7467 293
	REO DANE			REO POLL	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY March					
APRIL MAY JUNE					
JULY AUGUST September					
OCTOBER NOVEMBER OECEMBER					

RHOOE ISLANO 15

AYRSHIRE	GUERNSEY
CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER MILK FAT
JANUARY 28 10651 429 1 7420 309 29 10540 425 FEBRUARY 18 10985 465 18 10985 465 MARCH 25 11230 461 2 8740 335 27 11046 452	4 10680 546
APRIL 13 9998 415 1 9740 333 14 9980 410 MAY 10 10800 440 2 13140 483 12 11190 447 JUNE 13 10595 426 13 10595 426	9 9138 461 1 10400 391 10 9264 454 4 9088 431 3 9553 339 7 9287 391 9 8081 407 4 10745 390 13 8901 402
JULY 29 9803 398 29 9803 398 AUGUST 45 9926 411 45 9926 411 SEPTEMBER 42 9975 418 2 11560 466 44 10047 420	7 6813 343 8 10294 396 15 8669 371 6 8612 404 3 8690 347 9 8638 385 8 9114 451 1 9050 430 9 9107 449
OCTOBER 32 10780 436 4 11028 391 36 10807 431 NOVEMBER 36 10823 440 4 11528 469 40 10893 443 OECEMBER 30 11070 459 4 11578 452 34 11129 458	8 8654 406 4 12363 474 12 9890 428 11 9804 478 1 14750 511 12 10216 480 9 10040 446 4 13370 512 13 11065 466
YEAR AV. 321 10495 431 20 11029 423 341 10527 431	89 8975 436 31 11022 418 120 9504 431
HOLSTEIN	JERSEY
CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT	REGISTEREO NON-REGISTEREO ALL Number milk fat number milk fat number milk fat
JANUARY 58 13193 500 22 12145 444 80 12905 485 FEBRUARY 68 13114 491 12 11393 418 80 12856 480 MARCH 43 12217 467 26 11837 420 69 12073 449	12 8659 443 1 7220 355 13 8548 436 9 9283 452 2 10070 498 11 9426 460 11 7714 401 2 7705 454 13 7712 409
APRIL 48 12334 475 20 11163 438 68 11989 464 MAY 39 11787 450 23 12645 461 62 12105 454 JUNE 22 10687 413 16 11023 432 38 10829 421	14 7897 402 1 8100 393 15 7911 402
JULY 61 11306 429 39 10476 393 100 10982 415 AUGUST 57 12013 472 41 11081 416 98 11623 448 SEPTEMBER 69 12527 474 28 11336 424 97 12183 460	18 7499 392 1 10440 389 19 7654 391 20 7070 360 20 7070 360
OCTOBER 50 12724 484 35 11269 420 85 12125 458 NOVEMBER 55 13171 496 33 10364 399 88 12119 460 OECEMBER 60 13635 521 34 12549 455 94 13242 497	10 8764 449 4 7695 427 14 8459 443 5 6344 343 3 10823 440 8 8024 379
YEAR AV. 630 12518 477 329 11385 424 959 12129 459	
BROWN SWISS	M. SHORTHORN
BROWN SWISS  CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT	REGISTEREO NON-REGISTEREO ALL
CALVING REGISTEREO NON-REGISTEREO ALL	REGISTEREO NON-REGISTEREO ALL
CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT JANUARY FEBRUARY	REGISTEREO NON-REGISTEREO ALL
CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT JANUARY FEBRUARY HARCH APRIL MAY	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT  1 11560 404 1 11560 404
CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY  1 8850 314 1 8850 314	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT  1 11560 404 1 11560 404
CALVING REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER M	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT  1 11560 404 1 11560 404
CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NU	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT
CALVING REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NAME NAME NAME NAME NAME NAME NAME NAME	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT
CALVING REGISTERED NON-REGISTERED ALL NUMBER MILK FAT NUMBER M	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT
CALVING REGISTERED NON-REGISTERED ALL NUMBER MILK FAT NUMBER M	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT
CALVING REGISTERED NON-REGISTERED NUMBER MILK FAT NUMBER MILK	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT
CALVING REGISTERED NON-REGISTERED ALL NUMBER MILK FAT NUMBER M	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT

CONNECTICUT 16

AYRSHIRE	GUERNSEY	
CALVING REGISTEREO NON-REGISTEREO MONTH NUMBER MILK FAT NUMBER MILK FAT NUMB	ALL REGISTEREO NON-REGISTEREO BER MILK FAT NUMBER MILK FAT NUMBER MILK FAT NU	ALL. M8ER MILK FAT
JANUARY 55 10463 420 5 9164 373 FEBRUARY 47 10283 410 19 12849 471 MARCH 63 10252 413 11 11216 443	60 10355 416 241 9929 474 32 9893 436 66 11022 428 192 9927 482 15 11058 462 74 10395 418 186 9720 480 44 10550 445	273 9925 469 207 10009 481 230 9879 473
APRIL 42 10239 412 12 13204 486 MAY 30 10620 425 5 15060 557 JUNE 71 10051 418 12 10230 378	54     10898     428     126     9559     459     28     9011     386       35     11254     444     131     9564     463     15     9093     394       83     10077     413     165     8773     427     34     9779     402	154 9459 446 146 9515 456 199 8945 423
AUGUST 88 9168 375 17 10217 400 1	104     9946     403     244     8707     420     44     10053     426       105     9338     379     243     8625     425     51     9914     413       85     9555     391     209     9211     450     50     8879     392	288 8913 421 294 8848 423 259 9147 438
OCTOBER 76 10365 427 12 10981 434 NOVEMBER 59 10516 435 8 13429 473 OECEMBER 56 10678 437 13 11908 434	88 10449 428 210 9523 470 38 9419 415 67 10864 439 223 9730 473 47 10839 469 69 10910 436 203 10047 482 48 10042 434	248 9507 462 270 9923 472 251 10046 473
YEAR AV. 746 10033 411 144 11664 437 E	890 10297 415 2373 9425 458 446 9886 424	2819 9498 452
HOLSTEIN	JERSEY	
CALVING REGISTEREO NON-REGISTEREO MONTH NUMBER MILK FAT NUMBER MILK FAT NUMB	ALL REGISTEREO NON-REGISTEREO BER MILK FAT NUMBER MILK FAT NU	ALL IMBER MILK FAT
FEBRUARY 190 14234 536 184 13108 476 3	429 13637 504 48 9439 492 9 9814 511 374 13680 507 38 8963 454 10 10729 495 404 13090 487 55 9081 473 13 11094 453	57 9498 495 48 9331 462 68 9466 469
APRIL 158 14164 528 194 12707 465 3 MAY 143 13801 510 187 12050 445 3	352 13361 493 32 9705 499 9 10324 410 3330 12808 473 20 8931 497 9 9890 349 542 12841 478 22 9042 488 25 10266 416	41 9841 479 29 9228 451 47 9693 450
JULY 349 13293 493 463 11953 444 8 AUGUST 373 13326 500 504 12101 447 8	812 12528 465 66 8433 439 31 9414 397 817 12622 470 56 7961 417 45 10457 426 893 12810 479 46 8300 441 55 10957 437	97 8747 426 101 9073 421 101 9747 439
OCTOBER 321 13931 521 432 12737 477 7 NOVEMBER 329 14312 536 436 12521 465 7	753 13246 496 37 9151 492 34 11517 431 765 13291 496 44 9146 473 26 10364 429 732 13665 506 41 9776 514 33 12615 486	71 10284 463 70 9598 456 74 11042 502
	423 13073 486 505 8925 468 299 10772 435	804 9612 456
BROWN SWESS	M. SHORTHORN	
	ALL REGISTEREO NON-REGISTEREO	ALL
CALVING REGISTEREO NON-REGISTEREO MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT NUMBER		
	BER MILK FAT NUMBER MILK FAT NUMBER MILK FAT NU 13 11775 498 27 13242 580 27 12508 527 2 14045 475	
MONTH NUMBER MILK FAT NUMBER MILK FAT NUMB JANUARY 10 12164 518 3 10480 430 FEBRUARY 24 13510 591 3 11093 495 MARCH 26 12359 525 1 16380 589	BER MILK FAT NUMBER MILK FAT NUMBER MILK FAT NU 13 11775 498 27 12242 580 27 12508 527 2 14045 475	JM8ER MILK FAT
MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER  JANUARY 10 12164 518 3 10480 430 FEBRUARY 24 13510 591 3 11093 495 MARCH 26 12359 525 1 16380 589  APRIL 29 12534 533 1 12450 484 MAY 18 12599 542	BER MILK FAT NUMBER MILK FAT NUMBER MILK FAT NU 13 11775 498 27 13242 580 27 12508 527 2 14045 475 30 12531 531 18 12599 542	2 14045 475
MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER  JANUARY 10 12164 518 3 10480 430 FEBRUARY 24 13510 591 3 11093 495 MARCH 26 12359 525 1 16380 589  APRIL 29 12534 533 1 12450 484 MAY 18 12599 542 JUNE 16 10771 466 3 14083 544  JULY 28 12195 512 7 12089 453 AUGUST 21 11568 500 9 12272 494	BER MILK FAT NUMBER MILK FAT NUMBER MILK FAT NU  13 11775 498 27 13242 580 27 12508 527 2 14045 475  30 12531 531 18 12599 542 19 11294 479 2 12070 469  35 12174 500 30 11779 498	2 14045 475
MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER FEBRUARY 10 12164 518 3 10480 430 FEBRUARY 24 13510 591 3 11093 495 116380 589 APRIL 29 12534 533 1 12450 484 HAY 18 12599 542 JUNE 16 10771 466 3 14083 544 JULY 28 12195 512 7 12089 453 AUGUST 21 11568 500 9 12272 494 SEPTEMBER 28 12000 516 4 11400 436 OCTOBER 28 12260 534 NOVEMBER 26 12928 547 5 13870 557 DECEMBER 25 12691 533 2 10310 414	BER MILK FAT NUMBER MILK FAT NUMBER MILK FAT NU  13 11775 498 27 13242 580 27 12508 527 2 14045 475  30 12531 531 18 12599 542 19 11294 479 2 12070 469  35 12174 500 30 11779 498 32 11925 506 28 12260 534 31 13080 549 2 9230 377 1 10650 397	2 14045 475 2 12070 469 2 9230 377 1 10650 397
MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER FEBRUARY 10 12164 518 3 10480 430 FEBRUARY 24 13510 591 3 11093 495 116380 589 APRIL 29 12534 533 1 12450 484 HAY 18 12599 542 JUNE 16 10771 466 3 14083 544 JULY 28 12195 512 7 12089 453 AUGUST 21 11568 500 9 12272 494 SEPTEMBER 28 12000 516 4 11400 436 OCTOBER 28 12260 534 NOVEMBER 26 12928 547 5 13870 557 DECEMBER 25 12691 533 2 10310 414	BER MILK FAT NUMBER MILK FAT NUMBER MILK FAT NU  13 11775 498 27 13242 580 27 12508 527  30 12531 531 18 12599 542 19 11294 479 2 12070 469  35 12174 500 30 11779 498 32 11925 506 28 12260 534 31 13080 549 27 12514 524 2 9230 377 1 10650 397 27 12514 524	2 12070 469  2 12070 469  2 9230 377 1 10650 397 2 10095 369
MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER FEBRUARY 10 12164 518 3 10480 430 FEBRUARY 24 13510 591 3 11093 495 MARCH 26 12359 525 1 16380 589 APRIL 29 12534 533 1 12450 484 MAY 18 12599 542 JUNE 16 10771 466 3 14083 544 JULY 28 12195 512 7 12089 453 AUGUST 21 11568 500 9 12272 494 SEPTEMBER 28 12000 516 4 11400 436 OCTOBER 28 12260 534 NOVEMBER 26 12928 547 5 13870 557 GECEMBER 25 12691 533 2 10310 414 YEAR AV. 279 12354 529 38 12275 486 33	BER MILK FAT NUMBER MILK FAT NUMBER MILK FAT NU  13 11775 498 27 13242 580 27 12508 527  30 12531 531 18 12599 542 19 11294 479  2 12070 469  35 12174 500 30 11779 498 32 11925 506  28 12260 534 31 13080 549 1 10650 397 27 12514 524 2 1930 377 31 13080 549 317 12345 523  9 11281 419  REO POLL  REGISTEREO NON-REGISTEREO	2 14045 475 2 14045 475 2 12070 469 2 9230 377 1 10650 377 2 10095 369 9 11281 419
MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER FEBRUARY 24 13510 591 3 11093 495 FEBRUARY 26 12359 525 1 16380 589 MARCH 29 12534 533 1 12450 484 MAY 18 12599 542 1 16380 549 JUNE 16 10771 466 3 14083 544 JUNE 28 12195 512 7 12089 453 AUGUST 21 11568 500 9 12272 494 SEPTEMBER 28 12000 516 4 11400 436 OCTOBER 28 12000 516 4 11400 4	BER MILK FAT NUMBER MILK FAT NUMBER MILK FAT NU  13 11775 498 27 13242 580 27 12508 527  30 12531 531 18 12599 542 19 11294 479  2 12070 469  35 12174 500 30 11779 498 32 11925 506  28 12260 534 31 13080 549 1 10650 397 27 12514 524 2 9230 377 31 13080 549 317 12345 523  9 11281 419  REO POLL  REGISTEREO NON-REGISTEREO	2 14045 475 2 14045 475 2 12070 469 2 9230 377 1 10650 377 2 10095 369 9 11281 419
MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER FEBRUARY 10 12164 518 3 10480 430 FEBRUARY 24 13510 591 3 11093 495 ARCH 26 12359 525 1 16380 589 ARCH 26 12359 542 1 16380 589 ARCH 27 12534 533 1 12450 484 ARY 18 12599 542 1 16380 544 JUNE 16 10771 466 3 14083 544 JULY 28 12195 512 7 12089 453 AUGUST 21 11568 500 9 12272 494 SEPTEMBER 28 12000 516 4 11400 436 OCTOBER 28 12000 516 4 11400 436 OCTOBER 26 12208 547 5 13870 557 OECEMBER 25 12691 533 2 10310 414 YEAR AV. 279 12354 529 38 12275 486 30 CALVING REGISTEREO NUMBER MILK FAT NUMBER MI	BER MILK FAT NUMBER MILK FAT NUMBER MILK FAT NU  13 11775 498 27 13242 580 27 12508 527  30 12531 531 18 12599 542 19 11294 479  2 12070 469  35 12174 500 30 11779 498 32 11925 506  28 12260 534 31 13080 549 1 10650 397 27 12514 524 2 9230 377 31 13080 549 317 12345 523  9 11281 419  REO POLL  REGISTEREO NON-REGISTEREO	2 14045 475 2 14045 475 2 12070 469 2 9230 377 1 10650 377 2 10095 369 9 11281 419
MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER FEBRUARY 10 12164 518 3 10480 430 FEBRUARY 24 13510 591 3 11093 495 MARCH 26 12359 525 1 16380 589 APRIL 29 12534 533 1 12450 484 MAY 18 12599 542 1 16380 589 APRIL 29 12534 533 1 12450 484 MAY 18 12599 542 1 16380 544 APRIL 28 12195 512 7 12089 453 AUGUST 21 11568 500 9 12272 494 SEPTEMBER 28 12000 516 4 11400 436 APRIL 25 12691 533 2 10310 414 APRIL APRIL APRIL APRIL MAY	BER MILK FAT NUMBER MILK FAT NUMBER MILK FAT NU  13 11775 498 27 13242 580 27 12508 527  30 12531 531 18 12599 542 19 11294 479  2 12070 469  35 12174 500 30 11779 498 32 11925 506  28 12260 534 31 13080 549 1 10650 397 27 12514 524 2 9230 377 31 13080 549 317 12345 523  9 11281 419  REO POLL  REGISTEREO NON-REGISTEREO	2 14045 475 2 14045 475 2 12070 469 2 9230 377 1 10650 377 2 10095 369 9 11281 419
MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER FEBRUARY 10 12164 518 3 10480 430 FEBRUARY 24 13510 591 3 11093 495 MARCH 26 12359 525 1 16380 589 APRIL 29 12534 533 1 12450 484 MAY 18 12599 542 1 16380 549 JUNE 16 10771 466 3 14083 544 JULY 28 12195 512 7 12089 453 AUGUST 21 11568 500 9 12272 494 SEPTEMBER 28 12000 516 4 11400 436 OCTOBER 28 12000 516 4 11400 436 OCTOBER 26 12928 547 5 13870 557 OECEMBER 25 12691 533 2 10310 414 YEAR AV. 279 12354 529 38 12275 486 33 AUGUST 279 12354 529 38 12275 486 33 AUGUST 279 12354 529 AUGUST	BER MILK FAT NUMBER MILK FAT NUMBER MILK FAT NU  13 11775 498 27 13242 580 27 12508 527  30 12531 531 18 12599 542 19 11294 479  2 12070 469  35 12174 500 30 11779 498 32 11925 506  28 12260 534 31 13080 549 1 10650 397 27 12514 524 2 9230 377 31 13080 549 317 12345 523  9 11281 419  REO POLL  REGISTEREO NON-REGISTEREO	2 14045 475 2 14045 475 2 12070 469 2 9230 377 1 10650 377 2 10095 369 9 11281 419

NEW YORK 21

#### 1960 CALVING YEAR

CALVING REGISTERED NON-REGISTERED NO		AYRSHIRE			GUERNSEY	
PARTICLE   1.01   1.0		NON-REGISTEREO			NON-REGISTEREO	ALL
FERBLAN 227 10200 407 25 9783 393 202 10100 405 440 9101 430 110 9357 389 576 9149 427 147 147 147 147 147 147 147 147 147 14						
MAY   129   9005   300   22   10373   397   122   9001   301   268   8009   413   30   9001   300   306   8050   409	FEBRUARY 237 10200 407	25 9785 393	262 10160 405	446 9101 430	110 9345 388	556 9149 422
AUGUST 314 957; 390 4-6 10072 410 353 1073 409 509 8857 413 280 10271 03 889 911 409  SEPTEMBER 40 10 10377 424 47 11121 406 80 11411 423 353 10273 409 509 8801 426 305 10259 417 417 417 417 417 417 417 417 417 417	MAY 129 9695 380	23 10397 387	152 9801 381	288 8689 413	80 9891 398	368 8950 409
NOVEMBER 379 10506 428 42 1077 411 421 10505 426 648 9273 445 230 10784 422 878 9009 439 OCECHBER 30 10736 431 47 11627 439 353 10505 434 5885 9026 431 2025 10195 409 7910 9325 425	AUGUST 314 9571 390	46 10972 410	360 9750 392	559 8557 413	280 10241 403	839 9119 409
VERR AV. 3258 10103 407 460 10913 410 3718 10203 408 5885 9026 431 2025 10195 409 7910 9325 425  ***HOLSTEIN***  ***HOLSTEIN**  ***HOLSTEIN***  ***HOLSTEIN***  ***HOLSTEIN***  ***HOLSTEIN**  ***HOLSTEIN***  ***HOLSTEIN**  ***	NOVEMBER 379 10508 428	42 11077 411	421 10565 426	648 9273 445	230 10784 422	878 9669 439
CALVING NORTH NUMBER MILK FAT					-	
CALVING NORTH NUMBER MILK FAT						
APRIL OND NUMBER MILK FAT NUMB		HOLSTEIN			JERSEY	
REGRIARY 3075 13277 479 1 1410 11982 431 4485 1270 464 259 8294 431 43 6 8060 444 302 8518 439 438 438 438 438 6 8060 444 302 8518 439 438 438 438 438 6 8060 444 362 8518 439 438 438 438 438 6 8060 442 268 8699 431 431 458 4010 224 1179 439 123 7180 400 22 57 9981 427 200 8608 423 434 448 1510 1280 464 1154 1140 410 247 1277 462 1307 11458 412 2946 12191 439 123 7745 400 47 10410 419 170 8482 405 404 1041 1140 410 120 1458 412 2946 12191 439 123 7745 400 76 9486 411 263 8098 403 AUGUST 5828 12780 465 4145 11796 427 9973 12371 450 310 7888 408 118 5818 400 428 8219 406 567 1355 459 3 5009 1223 1449 1170 1800 429 119 8008 429 119 8986 439 428 8219 406 567 1355 459 3 5009 1223 1449 1170 1300 474 375 8255 433 158 8797 423 533 8712 429 NOVEMBER 5885 13574 493 418 12233 447 10003 13030 474 332 8291 433 125 9986 438 457 8755 437 VEAR AV. 49034 13223 480 33413 11993 435 83047 12728 462 3145 8112 425 979 9809 425 4124 8515 425 425 425 425 425 425 425 425 425 42		NON-REGISTEREO NUMBER MILK FAT			NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT
MAY	JANUARY 4006 13402 484 FEBRUARY 3075 13277 479 MARCH 3264 13049 471	1410 11982 431	4485 12870 464	259 8294 431	43 9866 444	302 8518 433
SEPTEMBER 1097 13183 460 5276 12067 439 12373 12707 463 410 8008 425 139 9848 439 549 8474 428 OCTOBER 6670 13545 493 5009 12321 449 11679 13020 474 375 8255 433 158 9797 423 533 8712 430 NOVEMBER 5885 13574 493 4118 12233 447 11003 13030 474 332 8291 430 125 9986 438 457 8755 437 OCCEMBER 5233 13630 493 3886 12264 444 9119 13048 472 311 8341 437 92 9996 429 403 8719 435 YEAR AV. 49634 13223 480 33413 11993 435 83047 12728 462 314 8112 425 979 9809 425 4124 8515 425 880 NON-REGISTEREO NONTH NUMBER MILK FAT NUMBER MILK FA	MAY 1520 12896 464	1154 11436 410	2674 12266 441	131 7780 406	28 9627 397	159 8105 404
OCTOBER 6670 13545 493 5009 12321 449 11679 13020 474 375 8255 433 158 9797 423 533 8712 430 NOVEMBER 5885 13574 493 4118 12253 447 10003 13030 474 332 8291 436 1255 9988 438 457 8755 437 125 9988 438 457 8755 437 92 9996 429 403 8719 435 9719 43	AUGUST 5828 12780 465	4145 11796 427		310 7686 408	118 9618 400	428 8219 406
SROWN SHISS	OCTOBER 6670 13545 493 NOVEMBER 5885 13574 493	5009 12321 449 4118 12253 447	11679 13020 474 10003 13030 474	375 8255 433 332 8291 436	158 9797 423 125 9988 438	533 8712 430 457 8755 437
CALVING NUMBER RILK FAT NUMBER MILK FAT NUMBER						
CALVING NUMBER RILK FAT NUMBER MILK FAT NUMBER						
NONTH NUMBER NILK FAT NUMBER N		BROWN SWISS			M. SHORTHORN	
FEBRUARY 141 11174 465 17 12835 491 158 11352 468 7 7866 295 2 9570 364 9 8244 310 MARCH 140 11201 4559 21 12221 468 161 11334 460 12 8065 316 12 8065						
APRIL 93 10528 424 14 13567 516 107 10926 436 3 8700 308 3 8700 308 MAY 76 10968 453 23 10547 403 99 10870 441 13 8682 346 13 8682 346 JUNE 63 10549 439 22 10746 396 85 10600 428 13 7105 263 4 9340 353 17 7631 284 JULY 129 10866 449 40 12031 435 169 11142 446 5 6958 253 3 12600 473 8 9074 336 AUGUST 159 10756 452 49 12356 458 208 11133 453 8 8798 327 4 10808 449 12 9468 368 SEPTEMBER 176 11166 465 49 12297 455 225 11412 463 20 8470 312 4 12445 461 24 9133 337 OCTOBER 194 11483 482 48 12448 470 242 11674 479 7 9406 357 8 14693 534 15 12225 451 NOVEMBER 180 11695 490 46 12423 457 226 11843 484 11 9151 342 6 12770 487 17 10428 393 OECEMBER 160 11695 490 46 12423 457 226 11843 484 11 9151 342 6 12770 487 17 10428 393 OECEMBER 160 11695 490 46 12423 457 226 11843 484 11 9151 342 6 12770 487 17 10428 393 OECEMBER 160 11695 490 46 12423 457 326 11843 484 11 9151 342 6 12770 487 17 10428 393 OECEMBER 160 11695 490 46 12423 457 326 11843 484 11 9151 342 6 12770 487 17 10428 393 OECEMBER 160 11695 490 46 12423 457 326 11843 484 11 9151 342 6 12770 487 17 10428 393 OECEMBER 160 11690 466 369 12134 453 1995 11405 464 112 8266 311 35 12420 463 147 9255 347 APRIL NOMBER MILK FAT NUMBER MILK FA	FEBRUARY 141 11174 465	17 12835 491	158 11352 468	7 7866 295	1 13840 426 2 9570 364	9 8244 310
JULY 129 10866 449 40 12031 435 169 11142 446 5 6958 253 3 12600 473 8 9074 336 AUGUST 159 10756 452 49 12356 458 208 11133 453 8 8798 327 4 10808 449 12 9468 368 SEPTEMBER 176 11166 465 49 12297 455 225 11412 463 20 8470 312 4 12445 461 24 9133 337  OCTOBER 194 11483 482 48 12448 470 242 11674 479 7 9406 357 8 14093 534 15 12225 451 NOVEMBER 180 11695 490 46 12423 457 226 11843 484 11 9151 342 6 12770 487 17 10428 393 OECEMBER 148 11937 491 28 11754 438 176 11908 483 7 8256 293 3 13127 470 10 9717 346  YEAR AV. 1626 11240 466 369 12134 453 1995 11405 464 112 8266 311 35 12420 463 147 9255 347  REO DANE  REO DANE  REGISTEREO NON-REGISTEREO NUMBER MILK FAT NUMBER	APRIL 93 10528 424 MAY 76 10968 453	14 13567 516 23 10547 403	107 10926 436 99 10870 441	3 8700 308 13 8682 346		3 8700 308 13 8682 346
SEPTEMBER 176 11166 465 49 12297 455 225 11412 463 20 8470 312 4 12445 461 24 9133 337  OCTOBER 194 11483 482 48 1248 470 242 11674 479 7 9406 357 8 14693 534 15 12225 451  NOVEMBER 180 11695 490 46 12423 457 226 11843 484 11 9151 342 6 12770 487 17 10428 393  OCCEMBER 146 11937 491 28 11754 438 176 11908 483 7 8256 293 3 13127 470 10 9717 346  YEAR AV. 1626 11240 466 369 12134 453 1995 11405 464 112 8266 311 35 12420 463 147 9255 347  CALVING REGISTEREO NON-REGISTEREO NON-REGISTEREO NUMBER MILK FAT NUMBE		40 12031 435	169 11142 446	5 6958 253	3 12600 473	8 9074 336
NOVEMBER 180 11695 490 46 12423 457 226 11843 484 11 9151 342 6 12770 487 17 10428 393 OECEMBER 148 11937 491 28 11754 438 176 11908 483 7 8256 293 3 13127 470 10 9717 346 YEAR AV. 1626 11240 466 369 12134 453 1995 11405 464 112 8266 311 35 12420 463 147 9255 347 REO DANE  REO DANE  REO DANE  REO DOLL  ALL  REGISTEREO NUMBER MILK FAT NUMBER MILK FA	SEPTEMBER 176 11166 465	49 12297 455	225 11412 463	20 8470 312	4 12445 461	24 9133 337
REO DANE  CALVING REGISTEREO NON-REGISTEREO ALL REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MIL	NOVEMBER 180 11695 490	46 12423 457	226 11843 484	11 9151 342	6 12770 487	17 10428 393
CALVING REGISTEREO NON-REGISTEREO ALL REGISTEREO NON-REGISTEREO ALL NONTH NUMBER MILK FAT NUMB	YEAR AV. 1626 11240 466	369 12134 453	1995 11405 464	112 8266 311	35 12420 463	147 9255 347
CALVING REGISTEREO NON-REGISTEREO ALL REGISTEREO NON-REGISTEREO ALL NONTH NUMBER MILK FAT NUMB						
HONTH NUMBER MILK FAT NUMBER M		REO DANE			REO POLL	
FERRUARY MARCH  APRIL MAY					NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT
MAY	FEBRUARY					
	MAY					

JULY AUGUST SEPTEMBER

OCTOBER NOVEMBER OECEMBER

YEAR AV.

NEW JERSEY 22

YEAR AV.

	AYRSHIRE			GUERNSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 1 12120 426 FEBRUARY 1 6250 267 MARCH	1 8860 506	2 10490 466 1 6250 267	186 9206 454 178 9755 476 159 9144 447	25 9746 416 17 10525 429 17 8669 365	211 9270 449 195 9822 472 176 9098 439
APRIL 3 10297 413 MAY 3 9630 396 JUNE 1 9290 372	1 8250 303 1 16560 581 1 7440 326	4 9785 385 4 11363 442 2 8365 349	146 9326 453 110 9023 443 135 9005 438	16 10101 423 15 9569 419 11 9174 361	162 9403 450 125 9088 440 146 9018 432
JULY 1 7120 280 AUGUST 4 7370 316 SEPTEMBER 4 9225 391	1 14460 476 1 9480 404	2 10790 378 5 7792 333 4 9225 391	148 8669 425 177 8585 428 168 8880 440	18 11057 454 31 10275 445 38 9597 399	166 8928 428 208 8837 431 206 9012 432
OCTOBER 4 10200 408 NOVEMBER 6 10262 422 OECEMBER 1 8570 370	1 15230 490 4 11050 399 2 12940 462	5 11206 424 10 10577 413 3 11483 431	160 9237 458 179 9865 484 179 9208 461	37 10108 438 22 10150 435 21 10830 428	197 9401 454 201 9896 479 200 9378 457
YEAR AV. 29 9375 384	13 [1566 43]	42 10053 398	1925 9173 451	268 10011 421	2193 9276 448
CALVING OFFICERS	HOLSTEIN		0561675050	JERSEY	ALL
	NON-REGISTERED NUMBER MILK FAT		REGISTEREO NUMBER MILK FAT		NUMBER MILK FAT
JANUARY 383 13513 507 FEBRUARY 317 13546 509 MARCH 250 13586 506	196 11865 436 172 11582 422 200 11671 430	579 12956 483 489 12855 479 450 12735 472	46 8886 479 49 9706 515 29 8625 450	1 7720 351 2 12125 416 5 11372 451	47 8861 477 51 9801 511 34 9029 450
APRIL 196 13013 481 MAY 167 12818 478 JUNE 208 12873 473	176 12181 452 174 11559 423 217 10921 398	372 12619 467 341 12176 450 425 11876 435	16 9785 492 33 8621 454 21 8415 446	3 12660 515 4 7508 304 9 10471 395	19 10239 496 37 8500 438 30 9032 431
JULY 333 12690 478 AUGUST 464 12701 479 SEPTEMBER 544 12772 483	275 11035 405 412 11211 422 444 11800 440	608 11941 445 876 12000 452 988 12335 464	34 8747 468 46 8353 453 42 8510 463	8 11610 458 6 10025 471 7 9657 444	42 9293 466 52 8546 455 49 8674 460
OCTOBER 500 13178 495 NOVEMBER 487 13223 496 OECEMBER 411 13612 505	467 11895 441 369 12102 451 329 11941 443	967 12558 469 856 12740 477 740 12869 477	49 8897 468 38 8743 458 36 8729 480	6 9558 392 7 11467 488 9 12301 509	55 8969 459 45 9167 463 45 9443 486
YEAR AV. 4260 13128 492	3431 11664 432	7691 12475 465	439 8824 470	67 10747 443	506 9079 466
	BROWN SWISS			M. SHORTHORN	
CALVING REGISTERED	BROWN SWISS NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO Number milk fat	NON-REGISTEREO	ALL NUMBER MILK FAT
CALVING REGISTERED	NON-REGISTEREO			NON-REGISTEREO	
CALVING REGISTEREO MONTH NUMBER MILK FAT JANUARY 28 10805 438 FEBRUARY 37 10328 427	NON-REGISTEREO	NUMBER MILK FAT 28 10805 438 37 10328 427		NON-REGISTEREO	
CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY 28 10805 438 FEBRUARY 37 10328 427 MARCH 33 10969 448  APRIL 31 10267 426 MAY 19 10733 444	NON-REGISTEREO NUMBER MILK FAT 1 13060 604	NUMBER MILK FAT  28 10805 438 37 10328 427 33 10969 448  32 10354 432 21 10568 436		NON-REGISTEREO	
CALVING REGISTERED MONTH NUMBER MILK FAT I STANDARY 28 10805 438 FEBRUARY 37 10328 427 MARCH 33 10969 448 MAY 19 10733 444 JUNE 26 10825 456 MAY 19 10733 444 JUNE 24 9689 408 AUGUST 20 9790 400 SEPTEMBER 20 11001 453 COLOBER 25 12790 534 MOVEMBER 21 11733 480	NON-REGISTEREO NUMBER MILK FAT 1 13060 604 2 9000 362 3 12643 492	NUMBER MILK FAT  28 10805 438 37 10328 427 33 10969 448  32 10354 432 21 10568 436 26 10825 456  27 10017 417 20 9790 400 21 11186 456  29 12983 535 22 11850 485		NON-REGISTEREO	
CALVING REGISTEREO MONTH NUMBER MILK FAT I 28 10805 438 FEBRUARY 37 10328 427 MARCH 31 10267 426 MAY 119 10733 444 JUNE 26 10825 456 JULY 24 9689 408 AUGUST 20 9770 400 SEPTEMBER 20 11001 453 OCIOBER 25 12790 534	NON-REGISTEREO NUMBER MILK FAT  1 13060 604 2 9000 362 3 12643 492 1 14890 509 4 14190 540	NUMBER MILK FAT  28 10805 438 37 10328 427 33 10969 448  32 10354 432 21 10568 436 26 10825 456  27 10017 417 20 9790 400 21 11186 456  29 12983 535		NON-REGISTEREO	
CALVING REGISTERED MONTH NUMBER MILK FAT I JANUARY 28 10805 438 FEBRUARY 37 10328 427 MARCH 33 10969 448 APRIL 31 10267 426 MAY 19 10733 444 JUNE 26 10825 456 JULY 24 9689 408 AUGUST 20 9790 400 SEPTEMBER 20 11001 453 OCTOBER 25 12790 534 NOVEMBER 21 11733 480 OECEMBER 19 12199 486	NON-REGISTEREO NUMBER MILK FAT 1 13060 604 2 9000 362 3 12643 492 1 14890 509 4 14190 540 1 14310 581	NUMBER MILK FAT  28 10805 438 37 10328 427 33 10969 448  32 10354 432 21 10568 436 26 10825 456  27 10017 417 20 9790 400 21 11186 456  29 1298 335 22 11850 485 19 12199 486		NON-REGISTEREO	
CALVING REGISTERED MONTH NUMBER MILK FAT I JANUARY 28 10805 438 FEBRUARY 37 10328 427 MARCH 33 10969 448 APRIL 31 10267 426 MAY 19 10733 444 JUNE 26 10825 456 JULY 24 9689 408 AUGUST 20 9790 400 SEPTEMBER 20 11001 453 OCTOBER 25 12790 534 NOVEMBER 21 11733 480 OECEMBER 19 12199 486	NON-REGISTEREO NUMBER MILK FAT 1 13060 604 2 9000 362 3 12643 492 1 14890 509 4 14190 540 1 14310 581	NUMBER MILK FAT  28 10805 438 37 10328 427 33 10969 448  32 10354 432 21 10568 436 26 10825 456  27 10017 417 20 9790 400 21 11186 456  29 1298 335 22 11850 485 19 12199 486		NON-REGISTEREO	
CALVING REGISTERED MONTH NUMBER MILK FAT I JANUARY 28 10805 438 FEBRUARY 37 10328 427 MARCH 33 10969 448 APRIL 31 10267 426 MAY 19 10733 444 JUNE 26 10825 456 JULY 24 9689 408 AUGUST 20 9790 400 SEPTEMBER 20 11001 453 OCTOBER 25 12790 534 NOVEMBER 21 11733 480 OECEMBER 19 12199 486	NON-REGISTEREO NUMBER MILK FAT  1 13060 604 2 9000 362 3 12643 492 1 14890 509 4 14190 540 1 14310 581  12 12913 505  REO OANE NON-REGISTERED	NUMBER MILK FAT  28 10805 438 37 10328 427 33 10969 448  32 10354 432 21 10568 436 26 10825 456  27 10017 417 20 9790 400 21 11186 456  29 12983 535 22 11850 485 19 12199 486  315 10957 451	NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT
CALVING REGISTEREO MONTH NUMBER MILK FAT I JANUARY 28 10805 437 FEBRUARY 37 10328 427 MARCH 33 10969 448 APRIL 31 10267 426 HAY 19 10733 444 JUNE 26 10825 456 JULY 24 9689 408 AUGUST 20 9790 400 SEPTEMBER 20 11001 453 OCTOBER 25 12790 534 NOVEMBER 21 11733 480 OECEMBER 19 12199 486 YEAR AV. 303 10880 448	NON-REGISTEREO NUMBER MILK FAT  1 13060 604 2 9000 362 3 12643 492 1 14890 509 4 14190 540 1 14310 581  12 12913 505  REO OANE NON-REGISTERED	NUMBER MILK FAT  28 10805 438 37 10328 427 33 10969 448  32 10354 432 21 10568 436 26 10825 456  27 10017 417 20 9790 400 21 11186 456  29 12983 535 22 11850 485 19 12199 486  315 10957 451	NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT  RED POLL NON-REGISTEREO	NUMBER MILK FAT
CALVING REGISTERED MONTH NUMBER MILK FAT MILK FA	NON-REGISTEREO NUMBER MILK FAT  1 13060 604 2 9000 362 3 12643 492 1 14890 509 4 14190 540 1 14310 581  12 12913 505  REO OANE NON-REGISTERED	NUMBER MILK FAT  28 10805 438 37 10328 427 33 10969 448  32 10354 432 21 10568 436 26 10825 456  27 10017 417 20 9790 400 21 11186 456  29 12983 535 22 11850 485 19 12199 486  315 10957 451	NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT  RED POLL NON-REGISTEREO	NUMBER MILK FAT
CALVING REGISTERED MONTH NUMBER MILK FAT I JANUARY 28 10805 438 FEBRUARY 37 10328 427 MARCH 33 10969 448 APRIL 31 10267 426 MAY 19 10733 444 JUNE 26 10825 456 JULY 24 9689 408 AUGUST 20 9790 400 SEPTEMBER 20 11001 453 OCTOBER 25 12790 534 NOVEMBER 21 11733 480 OECEMBER 19 12199 486 YEAR AV. 303 10880 448 CALVING REGISTERED MONTH NUMBER MILK FAT JANUARY HARCH APRIL MAY	NON-REGISTEREO NUMBER MILK FAT  1 13060 604 2 9000 362 3 12643 492 1 14890 509 4 14190 540 1 14310 581  12 12913 505  REO OANE NON-REGISTERED	NUMBER MILK FAT  28 10805 438 37 10328 427 33 10969 448  32 10354 432 21 10568 436 26 10825 456  27 10017 417 20 9790 400 21 11186 456  29 12983 535 22 11850 485 19 12199 486  315 10957 451	NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT  RED POLL NON-REGISTEREO	NUMBER MILK FAT

PENNSYLVANIA 23

JULY AUGUST SEPTEMBER

OCTOBER NOVEMBER OECEMBER YEAR AV.

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CALVING REGISTEREO	AYRSHIRE NON-REGISTEREO	ALL	REGISTEREO	NON-REGISTEREO	ALL
MONTH NUMBER MILK FAT		NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT
JANUARY 190 10112 411 FEBRUARY 250 9764 400 MARCH 203 9593 391	41 10222 406 48 9518 388 45 9439 370	231 10132 410 298 9724 398 248 9565 387	1168 8920 428 1229 8756 420 1186 8514 407	391 9297 400 420 9046 386 410 9341 396	1559 9015 421 1649 8830 411 1596 8727 404
APRIL 162 9524 389 MAY 127 9236 377 JUNE 119 9264 381	29 9398 381 24 9776 383 18 9942 393	191 9505 388 151 9322 378 137 9353 382	808 8323 400 689 8100 389 716 7924 380	311 9358 392 262 9247 383 260 9330 385	1119 8611 397 951 8416 388 976 8299 381
JULY 218 9038 376 AUGUST 293 8979 376 SEPTEMBER 245 9153 388	21 9382 345 31 9751 389 25 10246 417	239 9069 373 324 9053 378 270 9254 391	960 7944 385 1227 8019 392 1146 8202 402	272 8974 375 249 8781 359 258 9172 380	1232 8171 383 1476 8148 386 1404 8380 398
OCTOBER 274 9781 410 NOVEMBER 178 9708 404 OECEMBER 66 8410 347	26 10535 417 14 10906 417 8 10301 410	300 9847 410 192 9795 405 74 8615 354	1318 8573 418 921 8776 424 334 8090 393	203 9323 395 160 9443 401 60 8821 369	1521 8673 415 1081 8875 420 394 8202 389
YEAR AV. 2325 9434 391	330 9852 391	2655 9486 391	11702 8392 405	3256 9198 387	14958 8568 401
	HOLSTEIN			JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT
JANUARY 3890 12669 472 FEBRUARY 3493 12688 474 MARCH 3402 12477 466	2278 11701 438 2311 11680 434 2519 11476 429	6168 12311 459 5804 12286 458 5921 12051 450	260 8467 444 261 8170 426 248 8214 430	74 8066 410 82 8372 425 93 9021 429	334 8378 437 343 8218 426 341 8434 430
APRIL 2074 12321 459 MAY 1755 12076 449 JUNE 1912 11938 446	1890 11385 429 1598 10995 411 1851 10850 408	3964 11875 445 3353 11561 431 3763 11403 427	173 8005 417 123 7703 412 107 7560 399	65 9015 411 70 9462 397 81 9163 397	238 8281 416 193 8341 407 188 8250 398
JULY 3066 I1981 451 AUGUST 4762 12208 460 SEPTEMBER 4950 12401 468	1972 10584 398 1387 9959 374 1049 10488 398	5038 11434 430 6149 11701 441 5999 12067 456	218 7771 411 309 7990 424 342 7764 412	91 8332 373 80 8466 375 65 8115 380	309 7936 400 389 8088 414 407 7820 407
OCTOBER 5292 12971 490 NOVEMBER 3637 12772 481 DECEMBER 1044 11404 426	938 11430 432 596 11855 447 272 10865 408	6230 12739 481 4233 12643 476 1316 11292 422	325 8208 439 243 8212 440 84 7610 397	65 8521 400 48 8553 402 15 7921 366	390 8260 432 291 8268 434 99 7657 393
YEAR AV. 39277 12447 467	18661 11155 418	57938 12031 451	2693 8033 425	829 8636 400	3522 8175 419
CALVING REGISTEREO	BROWN SWISS		REGISTEREO	M. SHURTHORN NON-REGISTEREO	
MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	NUMBER MILK FAT		ALL NUMBER MILK FAT
JANUARY 57 11337 471 FEBRUARY 58 10780 453 MARCH 78 10802 444	6 11642 522 4 8378 369 10 10680 437	63 11366 476 62 10625 448 88 10788 443	11 11027 403 10 10469 406 30 8528 314	4 9630 384 3 9420 366 1 7330 265	15 10655 398 13 10227 397 31 8489 312
APRIL 53 9870 408 MAY 45 10092 412 JUNE 36 10202 414	14 11111 445 8 9196 368 9 8771 335	67 10129 416 53 9957 405 45 9916 398	9 8271 305 2 8570 341 7 7564 290	6 9622 408 2 11125 451 4 10600 386	15 8811 346 4 9848 396 11 8668 325
JULY 55 10480 438 AUGUST 82 10520 438 SEPTEMBER 74 9640 407	8 8943 367 6 9332 381 7 7694 315	63 10285 429 88 10439 434 81 9472 399	14 7407 285 19 8650 324 16 7343 274	2 8175 315 3 8657 366 2 7045 285	16 7503 289 22 8678 330 18 7309 275
OCTOBER 67 10502 447 NOVEMBER 53 10810 455 OECEMBER 7 8847 379	2 12815 494 2 12135 548 2 6825 298	69 10569 448 55 10858 458 9 8398 361	14 7506 285 7 8720 320 4 5330 209	1 6030 235 1 7480 304	15 7408 281 8 8565 318 4 5330 209
YEAR AV. 665 10450 436	78 9784 401	743 10380 432	143 8387 314	29 9207 366	172 8525 323
CALVING REGISTEREO	REO OANE	ALL	REGISTEREO	REO POLL NON-REGISTEREO	ALL
MONTH NUMBER MILK FAT JANUARY FEBRUARY	NUMBER MILK FAT			NUMBER MILK FAT	
MARCH  APRIL  MAY					
ЗииЕ					

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			CHEGNICEA	
CALVING REGISTERED	AYRSHIRE NON-REGISTERED ALL	REGISTERED	GUERNSEY NON-REGISTEREO	ALL
MONTH NUMBER MILK FAT IN  JANUARY 45 10271 393	NUMBER MILK FAT NUMBER MILK FAT 9 11049 433 54 10401 400	NUMBER MILK FAT 356 9149 436	61 10128 432	NUMBER MILK FAT
FEBRUARY 39 10338 413 MARCH 53 10126 394	7 13014 487 46 10745 424 8 10143 425 61 10128 398	328 9057 427 288 8882 420	38 10352 416 49 9597 403	366 9192 426 337 8986 417
APRIL 20 10154 384 MAY 12 9538 367 JUNE 24 8722 329	7 9929 398 27 10095 387 7 10606 394 19 9932 377 7 12469 476 31 9568 362	256 8924 422 200 8921 424 196 8641 406	33 9913 414 26 10220 395 33 9557 374	289 9037 421 226 9070 421 229 8773 401
JULY 45 9396 371 AUGUST 71 9221 365 SEPTEMBER 67 9247 371	9 11822 441 54 9801 382 13 10305 394 84 9389 370 15 10418 376 82 9461 372	334 8552 411 479 8395 409 497 8461 409	50 10149 406 68 10070 408 100 9833 405	384 8760 410 547 8603 409 597 8691 408
DCTD8ER 56 9860 392 NOVEM8ER 60 9912 387 DECEM8ER 46 10276 395	7 11207 431 63 10009 396 13 10983 433 73 10103 395 11 11663 432 57 10544 402	500 9113 443 450 9225 443 390 9336 440	68 9194 389 58 10348 428 61 10708 436	568 9123 436 508 9353 441 451 9521 440
YEAR AV. 538 9750 382	113 11052 422 651 9976 389	4274 8886 425	645 9990 410	4919 9031 423
	HOLSTEIN		JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT P	NDN-REGISTERED ALL NUMBER MILK FAT NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 875 13080 472 FEBRUARY 730 13054 465 MARCH 620 13216 473	385 12166 440	335 8429 441 336 8339 432 238 7946 408	31 9559 466 22 8370 396 21 9032 408	366 8524 443 358 8341 429 259 8034 408
APRIL 437 12955 463 MAY 354 12925 459 JUNE 496 12959 464	359 12378 449	135 8169 419 145 8458 442 152 7838 402	13 9985 443 23 9006 394 29 8831 390	148 8329 421 168 8533 435 181 7997 400
JULY 781 12576 452 AUGUST 1256 12674 457 SEPTEMBER 1480 12667 459	672 11623 424 1453 12135 439 1382 11668 429 2638 12147 442 1449 11810 433 2929 12243 446	234 7577 390 387 7813 405 456 7758 409	55 9450 411 118 9923 418 142 9752 424	289 7934 394 505 8306 408 598 8231 413
DCTOBER 1446 13186 477 NOVEMBER 1244 13504 486 OECEMBER 911 13789 492	1450 12188 449 2896 12686 463 1259 12369 455 2503 12933 470 973 12482 453 1884 13114 472	430 7856 415 311 7690 401 291 8707 454	124 9893 427 108 9999 430 75 10736 447	554 8312 417 419 8285 409 366 9123 452
YEAR AV. 10630 13052 469	9571 12019 440 20201 12563 455	3450 8022 418	761 9790 424	4211 8341 419
6	BROWN SWISS		M. SHORTHORN	
CALVING REGISTERED MONTH NUMBER MILK FAT N	NDN-REGISTERED ALL NUMBER MILK FAT NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 74 11739 475 FEBRUARY 83 12269 504 MARCH 71 11210 465	10 12784 493 84 11864 477 11 13145 534 94 12372 508 7 12294 494 78 11308 468	9 9801 366 5 10266 378 10 9655 358		9 9801 366 5 10266 378 10 9655 358
APRIL 49 12335 513 MAY 38 11000 457 JUNE 71 11026 454	9 12793 513 58 12406 513 10 11904 452 48 11188 456 8 10870 431 79 11010 452	12 9139 352 3 9910 357 8 9806 379		12 9139 352 3 9910 357 8 9806 379
JULY 117 10512 435 AUGUST 110 10336 433 SEPTEMBER 110 10665 448	10 10919 447 127 10544 436 19 11455 438 129 10501 434 39 11584 454 149 10905 450	11 8318 333 17 7814 296 6 7492 286		11 8318 333 17 7814 296 6 7492 286
OCTOBER 116 11191 466 NOVEMBER 101 11304 481 OECEMBER 101 11214 469	18 11201 439 134 11193 462 19 11657 476 120 11360 481 16 11884 476 117 11305 470	6 8083 307 9 10223 394 5 8444 314		6 8083 307 9 10223 394 5 8444 314
YEAR AV. 1041 11144 464	176 11770 465 1217 11234 464	101 8970 341		101 8970-341
	RED DANE			
	RED DANE		REO POLL	
CALVING REGISTERED MONTH NUMBER MILK FAT	NDN-REGISTERED NUMBER MILK FAT NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTEREO	ALL NUMBER MILK FAT
	NDN-REGISTERED ALL		NON-REGISTEREO	
MONTH NUMBER MILK FAT N JANUARY FEBRUARY	NDN-REGISTERED ALL	NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT
MONTH NUMBER MILK FAT N JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST	NDN-REGISTERED ALL	1 9580 335 1 10050 390 2 10320 414 2 9420 387 3 8237 309	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT  2 8180 314  1 10050 390 2 10320 414 2 9420 387 3 8237 309
MONTH NUMBER MILK FAT N JANUARY FEBRUARY MARCH  APRIL MAY JUNE JULY	NDN-REGISTERED ALL	1 9580 335 1 10050 390 2 10320 414 2 9420 387	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT  2 8180 314  1 10050 390 2 10320 414 2 9420 387

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	AYRSHIRE			GUERNSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 25 9347 369 FEBRUARY 19 9686 378 MARCH 14 9129 356	2 12230 401 4 10500 443 7 11191 459	27 9561 372 23 9828 390 21 9816 390	243 9452 459 231 9501 464 253 9296 452	40 9676 418 52 10639 445 47 10618 440	283 9484 453 283 9710 461 300 9503 450
APRIL 13 8593 327 MAY 9 8733 347 JUNE 10 9850 389	3 11673 425 1 18680 695 6 9172 358	16 9171 345 10 9728 382 16 9596 377	181 9063 449 163 9080 440 153 8712 424	54 9754 428 48 10435 438 69 9875 403	235 9221 444 211 9388 439 222 9073 417
JULY 18 9332 354 AUGUST 29 8877 362 SEPTEMBER 51 9063 370	3 13880 486 9 11119 405 10 10824 441	21 9982 373 38 9408 372 61 9351 381	216 8412 415 269 8271 407 425 8527 425	111 10089 412 185 10076 410 204 10095 420	327 8981 414 454 9006 409 629 9035 423
OCTOBER 35 9836 407 NOVEMBER 25 9880 396 OECEMBER 22 10587 404	14 10975 433 14 10728 411 20 11370 442	49 10162 415 39 10184 401 42 10960 422	382 8918 441 377 9208 455 290 9258 456	197 10300 435 197 10594 440 152 10462 435	579 9388 439 574 9684 450 442 9672 449
YEAR AV. 270 9430 376	93 11126 431	363 9865 390	3183 8962 441	1356 10249 426	4539 9346 437
	HOLSTEIN			JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 287 13745 501 FEBRUARY 292 13287 479 MARCH 259 13570 493	178 12236 454 207 12402 462 224 12129 458	465 13167 483 499 12920 472 483 12902 477	129 8390 445 101 8201 429 65 7894 411	10 9018 404 9 10052 490 11 11040 447	139 8436 442 110 8353 434 76 8349 416
APRIL 216 13563 494 MAY 205 13469 490	304 12207 462 308 12058 455	520 12770 475 513 12622 469 737 12179 452	61 7871 398 48 7520 386 41 7865 399	13 10745 436 14 11037 450	74 8376 404 62 8314 400
JULY 422 12477 461 AUGUST 706 12642 466	478 11864 444 707 11533 433 1241 11255 428	1129 11886 444 1947 11758 442	101 7751 404 133 7028 371	22 10235 396 40 9726 411 74 10542 418 92 10774 442	141 8311 406 207 8284 388
SEPTEMBER 769 12616 468  OCTOBER 691 12990 486  NOVEMBER 664 13216 490	1562 11323 435 1430 11788 450 1371 11928 452	2331 11750 446 2121 12180 462 2035 12348 464	180 7327 390 179 7461 393 121 7608 401	67 10536 440 77 10320 435	272 8493 408 246 8299 405 198 8663 414
OECEMBER 564 13392 495 YEAR AV. 5334 13036 481	9111 11680 443	1665 12250 459 14445 12181 457	130 8275 429 1289 7724 405	47 10710 429 476 10474 431	177 8922 429 1765 8465 412
	BROWN SWISS			M. SHORTHORN	
CALVING REGISTEREO MONTH NUMBER MILK FAT	NON-REGISTEREO	ALL NUMBER MILK FAT	REGISTEREO Number Milk Fat	NON-REGISTEREO	ALL NUMBER MILK FAT
	NON-REGISTEREO			NON-REGISTEREO	
MONTH NUMBER MILK FAT  JANUARY 27 12397 510 FEBRUARY 36 12064 498 MARCH 23 12187 522  APRIL 16 12055 490 MAY 31 11816 481	NON-REGISTEREO NUMBER MILK FAT 3 11043 485 5 13630 529 5 12340 465 6 9850 393	NUMBER MILK FAT  27 12397 510 39 11986 497 28 12445 523  21 12123 484 37 11498 467	NUMBER MILK FAT  4 10053 372 9 10521 414 4 10100 380  3 10410 359 2 9865 316	NON-REGISTEREO	NUMBER MILK FAT 4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316
MONTH NUMBER MILK FAT  JANUARY 27 12397 510 FEBRUARY 36 12064 498 MARCH 23 12187 522  APRIL 16 12055 490 MAY 31 11816 481 JUNE 37 11426 472  JULY 47 10899 451 AUGUST 40 11147 471	NON-REGISTEREO NUMBER MILK FAT 3 11043 485 5 13630 529 5 12340 465 6 9850 393 10 12365 474 12 11063 452 15 11505 456	NUMBER MILK FAT  27 12397 510 39 11986 497 28 12445 523  21 12123 484 37 11498 467 47 11626 472  59 10932 451 55 11245 467	NUMBER MILK FAT 4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 10 8896 339 9 7911 303	NON-REGISTEREO NUMBER MILK FAT 3 11370 430 2 10130 388	NUMBER MILK FAI 4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 13 9467 360 11 8315 318
MONTH NUMBER MILK FAT  JANUARY 27 12397 510 FEBRUARY 36 12064 498 MARCH 23 12187 522  APRIL 16 12055 490 MAY 31 11816 481 JUNE 37 11426 472  JULY 47 10899 451 AUGUST 40 11147 471 SEPTEMBER 42 10105 415  OCTOBER 46 10609 441 NOVEMBER 47 12117 496	NON-REGISTEREO NUMBER MILK FAT  3 11043 485 5 13630 529 5 12340 465 6 9850 393 10 12365 474 12 11063 452 15 11505 458 17 10448 455 22 12002 475 34 12628 482	NUMBER MILK FAT  27 12397 510 39 11986 497 28 12445 523  21 12123 484 37 11498 467 47 11626 472  59 10932 \$51 55 11245 467 59 10233 426  68 11060 452 81 12331 490	NUMBER MILK FAT 4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 10 8896 339 9 7911 303 19 8094 305 7 8879 352 4 9018 312	NON-REGISTEREO NUMBER MILK FAT 3 11370 430 2 10130 388 5 10160 403 2 9780 323 2 12580 483	NUMBER MILK FAI 4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 13 9467 360 11 8315 318 24 8524 325 9 9079 346 6 10205 369
MONTH NUMBER MILK FAT  JANUARY 27 12397 510 FEBRUARY 36 12064 498 MARCH 23 12187 522  APRIL 16 12055 490 MAY 31 11816 481 JUNE 37 11426 472  JULY 47 10899 451 AUGUST 40 11147 471 SEPTEMBER 42 10105 415  OCTOBER 46 10609 441	NON-REGISTEREO NUMBER MILK FAT  3 11043 485 5 13630 529  5 12340 465 6 9850 393 10 12365 474  12 11063 452 15 11505 458 17 10548 455 22 12002 475	NUMBER MILK FAT  27 12397 510 39 11986 497 28 12445 523  21 12123 484 37 11498 467 47 11626 472  59 10932 451 55 11245 467 59 10233 426 68 11060 452	NUMBER MILK FAT 4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 10 8896 339 9 7911 303 19 8094 305 7 8879 352	NON-REGISTEREO NUMBER MILK FAT 3 11370 430 2 10130 388 5 10160 403 2 9780 323	NUMBER MILK FAI  4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 13 9467 360 11 8315 318 24 8524 325 9 9079 346
MONTH NUMBER MILK FAT  JANUARY 27 12397 510 FEBRUARY 36 12064 498 MARCH 23 12187 522  APRIL 16 12055 490 MAY 31 11816 481 JUNE 37 11426 472  JULY 47 10899 451 AUGUST 40 11147 471 SEPTEMBER 42 10105 415  OCTOBER 46 10609 441 NOVEMBER 47 12117 496 OECEMBER 37 11445 458	NON-REGISTEREO NUMBER MILK FAT  3 11043 485 5 13630 529 5 12340 465 6 9850 393 10 12365 474 12 11063 452 15 11505 458 17 10448 455 22 12002 475 34 12628 482 18 12439 468	NUMBER MILK FAT  27 12397 510 39 11986 497 28 12445 523  21 12123 484 37 11498 467 47 11626 472  59 10932 451 55 11245 467 59 10233 426 68 11060 452 81 12331 490 55 11770 461	NUMBER MILK FAT 4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 10 8896 339 9 7911 303 19 8094 305 7 8879 352 4 9018 312 7 9514 342	NON-REGISTEREO NUMBER MILK FAT 3 11370 430 2 10130 388 5 10160 403 2 9780 323 2 12580 483 1 8290 412	NUMBER MILK FAI 4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 13 9467 360 11 8315 318 24 8524 325 9 9079 346 6 10205 369 8 9361 351
MONTH NUMBER MILK FAT  JANUARY 27 12397 510 FEBRUARY 36 12064 498 MARCH 23 12187 522  APRIL 16 12055 490 MAY 31 11810 481 JUNE 37 11426 472  JULY 47 10899 451 AUGUST 40 11147 471 SEPTEMBER 42 10105 415  OCTOBER 46 10609 441 NOVEMBER 47 12117 496 OECEMBER 37 11445 458  YEAR AV. 429 11410 471	NON-REGISTEREO NUMBER MILK FAT  3 11043 485 5 13630 529 5 12340 465 6 9850 393 10 12365 474 12 11063 452 15 11505 456 17 10548 455 22 12002 475 34 12628 482 18 12439 468 147 11889 468  RED OANE	NUMBER MILK FAT  27 12397 510 39 11986 497 28 12445 523  21 12123 484 37 11498 467 47 11626 472  59 10932 451 55 11245 467 59 10233 426 68 11060 452 81 12331 490 55 11770 461	NUMBER MILK FAT 4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 10 8896 339 9 7911 303 19 8094 305 7 8879 352 4 9018 312 7 9514 342	NON-REGISTEREO NUMBER MILK FAT 3 11370 430 2 10130 388 5 10160 403 2 9780 323 2 12580 483 1 8290 412 15 10545 407	NUMBER MILK FAI  4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 13 9467 360 11 8315 318 24 8524 325 9 9079 346 6 10205 369 8 9361 351
MONTH NUMBER MILK FAT  JANUARY 27 12397 510 FEBRUARY 36 12064 498 MARCH 23 12187 522  APRIL 16 12055 490 MAY 31 11816 481 JUNE 37 11426 472  JULY 47 10899 451 AUGUST 40 11147 471 SEPTEMBER 42 10105 415 OCTOBER 47 12117 496 OCCEMBER 37 11445 458  YEAR AV. 429 11410 471  CALVING REGISTEREO	NON-REGISTEREO NUMBER MILK FAT  3 11043 485 5 13630 529 5 12340 465 6 9850 393 10 12365 474 12 11063 452 15 11505 458 17 10548 455 22 12002 475 34 12628 482 18 12439 468	NUMBER MILK FAT  27 12397 510 39 11986 497 28 12445 523  21 12123 484 37 11498 467 47 11626 472 59 10932 451 55 11245 467 59 10233 426 68 11060 452 81 12331 490 55 11770 461 576 11532 470	NUMBER MILK FAT 4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 10 8896 339 9 7911 303 19 8094 305 7 8879 352 4 9018 312 7 9514 342 81 9003 338	NON-REGISTEREO NUMBER MILK FAT  3 11370 430 2 10130 388 5 10160 403 2 9780 323 2 12580 483 1 8290 412 15 10545 407  REO POLL  NON-REGISTEREO	NUMBER MILK FAI 4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 13 9467 360 11 8315 318 24 8524 325 9 9079 346 6 10205 369 8 9361 351
MONTH NUMBER MILK FAT  JANUARY 27 12397 510  FEBRUARY 36 12064 498  MARCH 23 12187 522  APRIL 16 12055 490  MAY 31 11816 481  JUNE 37 11426 472  JULY 47 10899 451  AUGUST 40 11147 471  SEPTEMBER 42 10105 415  OCTOBER 46 10609 461  NOVEMBER 47 12117 496  OECEMBER 37 11445 458  YEAR AV. 429 11410 471  CALVING NUMBER MILK FAT  JANUARY FEBRUARY MARCH	NON-REGISTEREO NUMBER MILK FAT  3 11043 485 5 13630 529 5 12340 465 6 9850 393 10 12365 474 12 11063 452 15 11505 458 17 10548 455 22 12002 475 34 12628 482 18 12439 468 147 11889 468  RED OANE NON-REGISTEREO	NUMBER MILK FAT  27 12397 510 39 11986 497 28 12445 523  21 12123 484 37 11498 467 47 11626 472 59 10932 451 55 11245 467 59 10233 426 68 11060 452 81 12331 490 55 11770 461 576 11532 470	NUMBER MILK FAT  4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 10 8896 339 9 7911 303 19 8094 305 7 8879 352 4 9018 312 7 9514 342 81 9003 338  REGISTEREO	NON-REGISTEREO NUMBER MILK FAT  3 11370 430 2 10130 388 5 10160 403 2 9780 323 2 12580 483 1 8290 412 15 10545 407  REO POLL  NON-REGISTEREO	NUMBER MILK FAI 4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 13 9467 360 11 8315 318 24 8524 325 9 9079 346 6 10205 369 8 9361 351
MONTH NUMBER MILK FAT  JANUARY 27 12397 510 FEBRUARY 36 12064 498 MARCH 23 12187 522  APRIL 16 12055 490 MAY 31 11816 481 JUNE 37 11426 472  JULY 47 10899 451 AUGUST 40 11147 471 SEPTEMBER 42 10105 415 OCTOBER 47 12117 496 OCCEMBER 37 11445 458  YEAR AV. 429 11410 471  CALVING REGISTEREO MONTH NUMBER MILK FAT JANUARY FEBRUARY	NON-REGISTEREO NUMBER MILK FAT  3 11043 485 5 13630 529 5 12340 465 6 9850 393 10 12365 474 12 11063 452 15 11505 458 17 10548 455 22 12002 475 34 12628 482 18 12439 468 147 11889 468  RED OANE NON-REGISTEREO	NUMBER MILK FAT  27 12397 510 39 11986 497 28 12445 523  21 12123 484 37 11498 467 47 11626 472 59 10932 451 55 11245 467 59 10233 426 68 11060 452 81 12331 490 55 11770 461 576 11532 470	NUMBER MILK FAT  4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 10 8896 339 9 7911 303 19 8094 305 7 8879 352 4 9018 312 7 9514 342 81 9003 338  REGISTEREO	NON-REGISTEREO NUMBER MILK FAT  3 11370 430 2 10130 388 5 10160 403 2 9780 323 2 12580 483 1 8290 412 15 10545 407  REO POLL  NON-REGISTEREO	NUMBER MILK FAI 4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 13 9467 360 11 8315 318 24 8524 325 9 9079 346 6 10205 369 8 9361 351
MONTH NUMBER MILK FAT  JANUARY 27 12397 510 FEBRUARY 36 12064 498 MARCH 23 12187 522  APRIL 16 12055 490 MAY 31 11816 481 JUNE 37 11426 472  JULY 47 10899 451 AUGUST 40 11147 471 SEPTEMBER 42 10105 415  OCTOBER 46 10609 441 NOVEMBER 47 12117 496 OCCEMBER 37 11445 458  YEAR AV. 429 11410 471  CALVING REGISTEREO MONTH NUMBER MILK FAT JANUARY FEBRUARY MARCH  APRIL MAY	NON-REGISTEREO NUMBER MILK FAT  3 11043 485 5 13630 529 5 12340 465 6 9850 393 10 12365 474 12 11063 452 15 11505 458 17 10548 455 22 12002 475 34 12628 482 18 12439 468 147 11889 468  RED OANE NON-REGISTEREO	NUMBER MILK FAT  27 12397 510 39 11986 497 28 12445 523  21 12123 484 37 11498 467 47 11626 472 59 10932 451 55 11245 467 59 10233 426 68 11060 452 81 12331 490 55 11770 461 576 11532 470	NUMBER MILK FAT  4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 10 8896 339 9 7911 303 19 8094 305 7 8879 352 4 9018 312 7 9514 342 81 9003 338  REGISTEREO	NON-REGISTEREO NUMBER MILK FAT  3 11370 430 2 10130 388 5 10160 403 2 9780 323 2 12580 483 1 8290 412 15 10545 407  REO POLL  NON-REGISTEREO	NUMBER MILK FAI 4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 13 9467 360 11 8315 318 24 8524 325 9 9079 346 6 10205 369 8 9361 351
MONTH NUMBER MILK FAT  JANUARY 27 12397 510 FEBRUARY 36 12064 498 MARCH 23 12187 522  APRIL 16 12055 490 MAY 31 11816 481 JUNE 37 11426 472  JULY 47 10899 451 AUGUST 40 11147 471 SEPTEMBER 42 10105 415  OCTOBER 46 10609 441 NOVEMBER 47 12117 496 OECEMBER 37 11445 458  YEAR AV. 429 11410 471  CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY FEBRUARY MARCH  APRIL MAY JUNE JULY AUGUST	NON-REGISTEREO NUMBER MILK FAT  3 11043 485 5 13630 529 5 12340 465 6 9850 393 10 12365 474 12 11063 452 15 11505 458 17 10548 455 22 12002 475 34 12628 482 18 12439 468 147 11889 468  RED OANE NON-REGISTEREO	NUMBER MILK FAT  27 12397 510 39 11986 497 28 12445 523  21 12123 484 37 11498 467 47 11626 472 59 10932 451 55 11245 467 59 10233 426 68 11060 452 81 12331 490 55 11770 461 576 11532 470	NUMBER MILK FAT  4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 10 8896 339 9 7911 303 19 8094 305 7 8879 352 4 9018 312 7 9514 342 81 9003 338  REGISTEREO	NON-REGISTEREO NUMBER MILK FAT  3 11370 430 2 10130 388 5 10160 403 2 9780 323 2 12580 483 1 8290 412 15 10545 407  REO POLL  NON-REGISTEREO	NUMBER MILK FAI 4 10053 372 9 10521 414 4 10100 380 3 10410 359 2 9865 316 3 8080 317 13 9467 360 11 8315 318 24 8524 325 9 9079 346 6 10205 369 8 9361 351

ILLINOIS 33

CALVING REGISTERED	AYRSHIRE NON-REGISTEREO	ALL	REGISTEREO	GUERNSEY NON-REGISTEREO	ALL
MONTH NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT
JANUARY 40 10090 420 FEBRUARY 18 10376 409 MARCH 25 9564 404	1 9100 365 3 9820 349 2 9775 421	41 10066 419 21 10296 401 27 9579 405	314 9302 444 258 9218 439 267 8993 425	72 10127 424 79 10010 417 82 9806 407	386 9456 440 337 9403 434 349 9184 421
APRIL 12 10068 416 MAY 11 8445 333 JUNE 16 8714 361	2 10335 423 1 11180 509 2 12445 389	14 10106 417 12 8673 348 18 9129 364	207 8972 432 153 8791 429 141 8641 411	66 9562 408 54 9532 402 56 10162 411	273 9115 426 207 8984 422 197 9073 411
JULY 32 9378 386 AUGUST 27 9603 399 SEPTEMBER 31 8531 366	4 12890 478 1 7200 278 2 9760 353	36 9768 396 28 9517 395 33 8606 365	212 8552 417 204 8052 393 280 8449 424	88 9791 388 87 10049 411 131 9832 400	300 8916 409 291 8649 399 411 8890 416
OCTOBER 27 9420 400 NOVEMBER 34 10034 416 OECEMBER 26 10961 461	6 13400 498 3 12473 459 3 10390 367	33 10144 417 37 10232 420 29 10902 451	291 8849 434 241 9323 453 238 9342 450	105 10575 425 119 10471 434 121 10266 414	396 9307 432 360 9702 447 359 9654 438
YEAR AV. 299 9655 402	30 11404 425	329 9815 404	2806 8905 431	1060 10058 412	3866 9221 426
	HOLSTEIN			JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 987 13096 487 FEBRUARY 931 13201 490	746 12225 454 641 12138 451	1733 12721 472 1572 12768 474	146 8288 433 124 8226 422	15 7663 409 13 8638 440	161 8230 431 137 8265 424
MARCH 843 13111 487	652 11769 435	1495 12526 464	112 8190 423	11 9872 472	123 8340 427
APRIL 580 12752 476 MAY 444 12884 479 JUNE 569 12465 463	545 11940 441 439 11987 444 745 11942 442	1125 12359 459 883 12438 462 1314 12169 451	98 8507 440 46 7424 396 65 7319 375	15 8553 433 15 9278 467 24 8498 385	113 8513 439 61 7880 413 89 7637 378
JULY 822 12421 464 AUGUST 1114 12264 459 SEPTEMBER 1409 12208 458	1069 11670 435 1349 11351 426 1812 11226 419	1891 11997 448 2463 11764 441 3221 11656 436	98 7388 373 81 7218 374 135 7142 377	21 9167 393 18 10482 410 40 8841 391	119 7702 377 99 7811 380 175 7531 380
OCTOBER 1253 12584 472 NOVEMBER 1202 12764 476	1679 11817 443 1492 11912 447	2932 12145 456 2694 12292 460	121 8154 430 131 8166 437	38 9020 393 39 9781 449	159 8361 421 170 8536 440
OECEMBER 1057 13046 484 YEAR AV. 11211 12706 474	1524 12076 450 12693 11769 439	2581 12473 464 23904 12209 455	96 8082 425 1253 7904 412	32 10560 460 281 9268 421	128 8701 434 1534 8154 414
	BROWN SWISS			M. SHORTHORN	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO	ALL NUMBER MILK FAT
JANUARY 141 11504 479 FEBRUARY 115 11562 479 MARCH 144 11332 465	12 9863 415 9 12781 518 8 12440 507	153 11375 474 124 11650 481 152 11390 467	35 7540 291 15 7766 291 24 9217 352	1 13600 534	35 7540 291 15 7766 291 25 9392 359
APRIL 116 11098 456 MAY 93 10680 437	7 11300 464	123 11110 457	17 7720 298	1 6530 270	18 7654 296
JUNE 98 10469 438 JULY 131 10222 425	8 10228 430 11 9458 421 22 10990 431	101 10644 437 109 10367 436 153 10333 426	10 7437 288 5 8090 297 37 6778 253		10 7437 288 5 8090 297 37 6778 253
AUGUST 117 10325 430 SEPTEMBER 129 10644 438	27 10322 412 26 10464 407	144 10325 427 155 10614 433	35 6889 266 19 6373 245	1 10250 393	35 6889 266 20 6567 252
OCTOBER 135 11102 467 NOVEMBER 118 11261 476 OECEMBER 125 11426 472	26 12358 477 23 12057 459 23 11382 433	161 11305 468 141 11391 473 148 11419 466	21 8006 308 30 7586 286 10 7775 294	1 12950 500	21 8006 308 31 7759 293 10 7775 294
YEAR AV. 1462 10989 456	202 11143 441	1664 11008 454	258 7496 286	4 10833 424	262 7547 288
	REO OANE			REO POLL	
	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH					
APRIL MAY JUNE					
JULY AUGUST SEPTEMBER			1 5260 202 3 6223 258		1 5260 202 3 6223 258
OCTOBER NOVEMBER					
DECEMBER			3 7273 301 5 6840 286 3 6563 273		3 7273 301 5 6840 286 3 6563 273

MICHIGAN 34

	AYRSHIRE			GUERNSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO	ALL NUMBER MILK FAT	REGISTEREO	NON-REGISTEREO	ALL MILK SAT
JANUARY 4 9875 426	5 11286 421	9 10659 423	NUMBER MILK FAT 245 9080 435	136 9456 416	381 9214 429
FEBRUARY 7 12443 531 MARCH 6 11380 475	3 8287 362 3 10263 387	10 11196 480 9 11008 446	188 9399 450 176 8943 433	130 10000 436 155 10160 418	318 9645 444 331 9513 426
APRIL 6 11132 458 MAY 2 14225 578 JUNE 6 9392 390	3 9043 352 1 3830 133 3 12270 514	9 10436 423 3 10760 429 9 10351 431	147 8866 431 113 8598 414 110 8586 408	100 9556 405 92 9615 411 127 9852 406	247 9146 421 205 9054 413 237 9264 407
JULY 16 10808 469 AUGUST 10 10140 429 SEPTEMBER 17 10031 419	4 11208 418 6 8508 362 5 10714 433	20 10888 459 16 9528 404 22 10186 422	189 8644 422 225 8536 421 293 8628 427	217 10096 402 310 10194 410 381 9899 416	406 9420 411 535 9497 415 674 9347 421
OCTOBER 12 10590 456 NOVEMBER 12 13076 540 OECEMBER 9 12010 490	6 11495 463 5 11514 473 3 10777 419	18 10892 458 17 12616 520 12 11702 472	324 8929 443 276 9312 456 232 9138 444	332 10576 434 306 10465 433 285 10152 422	656 9762 438 582 9918 444 517 9697 432
YEAR AV. 107 11060 465	47 10387 415	154 10854 450	2518 8916 435	2571 10106 419	5089 9517 427
	HOLSTEIN			JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 1002 13352 480 FEBRUARY 853 13410 480	940 12085 441 850 12396 452	1942 12739 461 1703 12904 466	127 8320 438 124 8371 431	43 8594 429 39 7818 405	170 8390 436 163 8239 425
MARCH 866 13487 485 APRIL 684 13261 478	882 11972 436 722 11874 432	1748 12723 460 1406 12549 454	114 8215 425 68 7529 395	30 8579 429 16 8774 396	144 8291 426 84 7766 395
MAY 542 12871 461 JUNE 659 12681 457	733 11738 426 1119 11612 422	1275 12219 441 1778 12008 435	57 7364 392 58 7609 400	24 8931 411 40 9188 399	81 7828 397 98 8253 400
JULY 1363 12514 454 AUGUST 1868 12436 454 SEPTEMBER 1894 12604 460	2313 11582 426 3338 11711 432 3692 11899 439	3676 11927 436 5206 11971 440 5586 12138 446	124 7558 396 165 7543 399 226 7712 421	75 9135 397 137 8758 407 180 9180 407	199 8152 397 302 8094 403 406 8363 415
OCTOBER 1723 13019 475 NOVEMBER 1531 13232 481 OECEMBER 1237 13355 482	3299 12090 449 2870 12210 448 2368 12178 445	5022 12409 458 4401 12566 460 3605 12582 457	217 8185 443 180 8161 436 130 8342 444	147 R843 402 125 9456 421 101 9827 412	364 8451 426 305 8692 430 231 8991 430
YEAR AV. 14222 12957 469	23126 11943 439	37348 12329 450	1590 7961 423	957 9055 409	2547 8372 418
	OROWN SWISS			M. SHORTHORN	
CALVING REGISTEREO MONTH NUMBER MILK FAT	NON-REGISTEREO	ALL NUMBER MILK FAT	REGISTEREO Number milk fat	NON-REGISTEREO	ALL NUMBER MILK FAT
	NON-REGISTEREO			NON-REGISTEREO	
MONTH NUMBER MILK FAT  JANUARY 60 10786 430 FEBRUARY 62 10870 439	NON-REGISTEREO NUMBER MILK FAT 6 12295 494 11 11669 467	NUMBER MILK FAT 66 10923 436 73 10990 443	NUMBER MILK FAT 9 9712 364 10 9941 350	NON-REGISTEREO NUMBER MILK FAT 1 7550 297	NUMBER MILK FAT 10 9496 358 10 9941 350
MONTH NUMBER MILK FAT  JANUARY 60 10786 430 FEBRUARY 62 10870 439 MARCH 62 11461 461  APRIL 39 10760 427 MAY 27 10957 437 JUNE 26 9644 396  JULY 39 11164 442 AUGUST 76 10503 421	NON-REGISTEREO NUMBER MILK FAT 6 12295 494 11 11669 467 12 11587 459 3 14550 554 8 11478 456 6 11268 408 15 10929 427 21 11575 431	NUMBER MILK FAT  66 10923 436 73 10990 443 74 11481 460  42 11030 436 35 11076 441 32 9948 398  74 11116 439 97 10735 423	9 9712 364 10 9941 350 14 8614 322 5 8644 318 4 7720 267 2 8970 317 8 8409 313 18 8987 342	NON-REGISTEREO NUMBER MILK FAT 1 7550 297 1 9820 381 1 11460 427 1 10450 373 1 11520 446 3 12877 422 9 13068 473	NUMBER MILK FAT  10 9496 358 10 9491 350 15 8694 326 6 9113 337 5 8266 288 3 9820 360 11 9627 343 27 10347 386
MONTH NUMBER MILK FAT  JANUARY 60 10786 430 FEBRUARY 62 10870 439 MARCH 62 11461 461  APRIL 39 10760 427 MAY 27 10957 437 JUNE 26 9644 396  JULY 59 11164 442 AUGUST 76 10503 421 SEPTEMBER 71 10778 443  OCTOBER 71 10834 445	NON-REGISTEREO NUMBER MILK FAT 6 12295 494 11 11669 467 12 11587 459 3 14550 554 8 11478 456 6 11268 408 15 10929 427 21 11575 431 31 11237 444	NUMBER MILK FAT  66 10923 436 73 10990 443 74 11481 460  42 11030 436 35 11076 441 32 9948 398  74 11116 439 97 10735 423 102 10918 444  96 11226 451	9 9712 364 10 9941 350 14 8614 322 5 8644 318 4 7720 267 2 8970 317 8 8409 313 18 8987 342 13 8511 322 7 9643 357	NON-REGISTEREO NUMBER MILK FAT 1 7550 297 1 9820 381 1 11460 427 1 10450 373 1 11520 446 3 12877 422 9 13068 473 6 11838 454 4 13143 471	NUMBER MILK FAT  10 9496 358 10 9941 350 15 8694 326 6 9113 337 5 8266 288 3 9820 360 11 9627 343 27 10347 386 19 9562 364 11 10915 398
MONTH NUMBER MILK FAT  JANUARY 60 10786 430 FEBRUARY 62 10870 439 MARCH 62 11461 461  APRIL 39 10760 427 MAY 27 10957 437 JUNE 26 9644 396  JULY 59 11164 442 AUGUST 76 10503 421 SEPTEMBER 71 10778 443	NON-REGISTEREO NUMBER MILK FAT 6 12295 494 11 11669 467 12 11587 459 3 14550 554 8 11478 456 6 11268 408 15 10929 427 21 11575 431 31 11237 444 25 12338 468 28 12382 480 23 12176 463	NUMBER MILK FAT  66 10923 436 73 10990 443 74 11481 460  42 11030 436 35 11076 441 32 9948 398  74 11116 439 97 10735 423 102 10918 444  96 11226 451 106 11051 441 82 11557 453	9 9712 364 10 9941 350 14 8614 322 5 8644 318 4 7720 267 2 8970 317 8 8409 313 18 8987 342 13 8511 322	NON-REGISTEREO NUMBER MILK FAT 1 7550 297 1 9820 381 1 11460 427 1 10450 373 1 11520 446 3 12877 422 9 13068 473 6 11838 454	NUMBER MILK FAT  10 9496 358 10 9941 350 15 8694 326 6 9113 337 5 8266 288 3 9820 360 11 9627 343 27 10347 386 19 9562 364 11 1015 398 16 9692 366 18 8871 340
MONTH NUMBER MILK FAT  JANUARY 60 10786 430 FEBRUARY 62 10870 439 MARCH 62 11461 461  APRIL 39 10760 427 MAY 27 10957 437 JUNE 26 9644 396  JULY 59 11164 442 AUGUST 76 10503 421 SEPTEMBER 71 10778 443  OCTOBER 78 10573 447 NOVEMBER 78 10573 447	NON-REGISTEREO NUMBER MILK FAT 6 12295 494 11 11669 467 12 11587 459 3 14550 554 8 11478 456 6 11268 408 15 10929 427 21 11575 431 31 11237 444 25 12338 468 28 12382 480	NUMBER MILK FAT  66 10923 436 73 10990 443 74 11481 460  42 11030 436 35 11076 441 32 9948 398  74 11116 439 97 10735 423 102 10918 444  96 11226 451 106 11051 441	NUMBER MILK FAT  9 9712 364 10 9941 350 14 8614 322 5 8644 318 4 7720 267 2 8970 317 8 8409 313 18 8987 342 13 8511 322  7 9643 357 11 8737 326	NON-REGISTEREO NUMBER MILK FAT 1 7550 297 1 9820 381 1 11460 427 1 10450 373 1 11520 446 3 12877 422 9 13068 473 6 11838 454 4 13143 471 5 11792 455	NUMBER MILK FAT  10 9496 358 10 9941 350 15 8694 326 6 9113 337 5 8266 288 3 9820 360 11 9627 343 27 10347 386 19 9562 364  11 10915 398 16 9692 366
MONTH NUMBER MILK FAT  JANUARY 60 10786 430 FEBRUARY 62 10870 437 MARCH 62 11461 461  APRIL 39 10760 427 MAY 27 10957 437 JUNE 26 9644 396  JULY 59 11164 442 AUGUST 76 10503 421 SEPTEMBER 71 10778 443  OCTOBER 71 10834 445 NOVEMBER 78 10573 427 OECEMBER 59 11316 449	NON-REGISTEREO NUMBER MILK FAT 6 12295 494 11 11669 467 12 11587 459 3 14550 554 8 11478 456 6 11268 408 15 10929 427 21 11575 431 31 11237 444 25 12338 468 28 12382 480 23 12176 463	NUMBER MILK FAT  66 10923 436 73 10990 443 74 11481 460  42 11030 436 35 11076 441 32 9948 398  74 11116 439 97 10735 423 102 10918 444  96 11226 451 106 11051 441 82 11557 453	9 9712 364 10 9941 350 14 8614 322 5 8644 318 4 7720 267 2 8970 317 8 8409 313 18 8987 342 13 8511 322 7 9643 357 11 86327 320	NON-REGISTEREO NUMBER MILK FAT 1 7550 297 1 9820 381 1 11460 427 1 10450 373 1 11520 446 3 12877 422 9 13068 473 6 11838 454 4 13143 471 5 11792 455 3 11593 441	NUMBER MILK FAT  10 9496 358 10 9941 350 15 8694 326 6 9113 337 5 8266 288 3 9820 360 11 9627 343 27 10347 386 19 9562 364 11 1015 398 16 9692 366 18 8871 340
MONTH NUMBER MILK FAT  JANUARY FEBRUARY 60 10786 430 FEBRUARY 62 11461 461  APRIL 39 10760 427 MAY 27 10957 437 JUNE 26 9644 396  JULY 59 11164 442 AUGUST 76 10503 421 SEPTEMBER 71 10778 443  OCTOBER 71 10778 443  OCTOBER 71 10834 445 NOVEMBER 78 10573 427 OECEMBER 59 11316 449  YEAR AV. 690 10843 437	NON-REGISTEREO NUMBER MILK FAT 6 12295 494 11 11669 467 12 11587 459 3 14550 554 8 11478 456 6 11268 408 15 10929 427 21 11575 431 31 11237 444 25 1238 468 28 12382 480 23 12176 463 189 11824 457	NUMBER MILK FAT 66 10923 436 73 10990 443 74 11481 460 42 11030 436 35 11076 441 32 9948 338 74 11116 439 97 10735 423 102 10918 444 96 11226 451 106 11051 441 82 11557 453 879 11054 441	9 9712 364 10 9941 350 14 8614 322 5 8644 318 4 7720 267 2 8970 317 8 8409 313 18 8987 342 13 8511 322 7 9643 357 11 8737 326 15 8327 320	NON-REGISTEREO NUMBER MILK FAT  1 7550 297  1 9820 381  1 11460 427 1 10450 373 1 11520 446  3 12877 422 9 13068 473 6 11838 454 4 13143 471 5 11792 455 3 11593 441 35 12125 447	NUMBER MILK FAT  10 9496 358 10 9941 350 15 8694 326 6 9113 337 5 8266 288 3 9820 360 11 9627 343 27 10347 386 19 9562 364 11 1015 398 16 9692 366 18 8871 340
MONTH NUMBER MILK FAT  JANUARY 60 10786 430 FEBRUARY 62 10870 437 MARCH 62 11461 461  APRIL 39 10760 427 MAY 27 10957 437 JUNE 26 9644 396  JULY 59 11164 442 AUGUST 76 10503 421 SEPTEMBER 71 10778 443  OCTOBER 78 10573 427 OCCEMBER 78 10573 4	NON-REGISTEREO NUMBER MILK FAT  6 12295 494 11 11669 467 12 11587 459 3 14550 554 8 11478 456 6 11268 408 15 10929 427 21 11575 431 31 11237 444 25 12338 468 28 12382 480 23 12176 463 189 11824 457  REO OANE NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT  66 10923 436 73 10990 443 74 11481 460  42 11030 436 35 11076 441 32 9948 398  74 11116 439 97 10735 423 102 10918 444  96 11226 451 106 11051 441 82 11557 453  879 11054 441	NUMBER MILK FAT  9 9712 364 10 9941 350 14 8614 322 5 8644 318 4 7720 267 2 8970 317 8 8409 313 18 8987 342 13 8511 322 7 9643 357 11 8737 326 15 8327 320 116 8859 330  REGISTEREO	NON-REGISTEREO NUMBER MILK FAT 1 7550 297 1 9820 381 1 11460 427 1 10450 373 1 11520 446 3 12877 422 9 13068 473 6 11838 454 4 13143 471 5 11792 455 3 11593 441	NUMBER MILK FAT  10 9496 358 10 9941 350 15 8694 326 6 9113 337 5 8266 288 3 9820 360 11 9627 343 27 10347 386 19 9562 364 11 10915 398 16 9692 366 18 8871 340 151 9616 357
MONTH NUMBER MILK FAT  JANUARY 60 10786 430 FEBRUARY 62 10870 439 MARCH 62 11461 461  APRIL 39 10760 427 MAY 27 10957 437 JUNE 26 9644 396  JULY 59 11164 442 AUGUST 76 10503 421 SEPTEMBER 71 10778 443  OCTOBER 71 10834 445 NOVEMBER 78 10573 427 OECEMBER 79 11316 449  YEAR AV. 690 10843 437  CALVING NUMBER MILK FAT  JANUARY FEBRUARY MARCH	NON-REGISTEREO NUMBER MILK FAT 6 12295 494 11 11669 467 12 11597 559 3 14550 554 8 11478 456 6 11268 408 15 10929 427 21 11575 431 31 11237 444 25 12338 468 28 12382 480 23 12176 463 189 11824 457  REO OANE NON-REGISTEREO NUMBER MILK FAT 11 11363 433 1 9220 323 1 10800 424	NUMBER MILK FAT  66 10923 436 73 10990 443 74 11481 460  42 11030 436 35 11076 441 32 9948 398  74 11116 439 97 10735 423 102 10918 444 96 11226 451 106 11051 441 82 11557 453  879 11054 441  NUMBER MILK FAT  11 11363 433 1 9220 323 1 10800 424	NUMBER MILK FAT  9 9712 364 10 9941 350 14 8614 322 5 8644 318 4 7720 267 2 8970 317 8 8409 313 18 8987 342 13 8511 322 7 9643 357 11 8737 326 15 8327 320 116 8859 330  REGISTEREO	NON-REGISTEREO NUMBER MILK FAT  1 7550 297  1 9820 381  1 11460 427 1 10450 373 1 11520 446  3 12877 422 9 13068 473 6 11838 454 4 13143 471 5 11792 455 3 11593 441 35 12125 447  REO POLL NON-REGISTEREO	NUMBER MILK FAT  10 9496 358 10 9941 350 15 8694 326 6 9113 337 5 8266 288 3 9820 360 11 9627 343 27 10347 386 19 9562 364 11 10915 398 16 9692 366 18 8871 340 151 9616 357
MONTH NUMBER MILK FAT  JANUARY FEBRUARY	NON-REGISTEREO NUMBER MILK FAT  6 12295 494 11 11669 467 12 11587 459 3 14550 554 8 11478 456 6 11268 408 15 10929 427 21 11575 431 31 11237 444 25 12338 468 28 12382 480 23 12176 463 189 11824 457  REO OANE  NON-REGISTEREO NUMBER MILK FAT 11 11363 433 1 9220 323	NUMBER MILK FAT  66 10923 436 73 10990 443 74 11481 460  42 11030 436 35 11076 441 32 9948 398  74 11116 439 97 10735 423 102 10918 444 96 11226 451 106 11051 441 82 11557 453  879 11054 441  NUMBER MILK FAT  11 11363 433 1 9220 323	NUMBER MILK FAT  9 9712 364 10 9941 350 14 8614 322 5 8644 318 4 7720 267 2 8970 317 8 8409 313 18 8987 342 13 8511 322 7 9643 357 11 8737 326 15 8327 320 116 8859 330  REGISTEREO	NON-REGISTEREO NUMBER MILK FAT  1 7550 297  1 9820 381  1 11460 427 1 10450 373 1 11520 446  3 12877 422 9 13068 473 6 11838 454 4 13143 471 5 11792 455 3 11593 441 35 12125 447  REO POLL NON-REGISTEREO	NUMBER MILK FAT  10 9496 358 10 9941 350 15 8694 326 6 9113 337 5 8266 288 3 9820 360 11 9627 343 27 10347 386 19 9562 364 11 10915 398 16 9692 366 18 8871 340 151 9616 357
MONTH NUMBER MILK FAT  JANUARY 60 10786 430 FEBRUARY 62 10870 439 MARCH 62 11461 461  APRIL 39 10760 427 MAY 27 10957 437 JUNE 26 9644 396  JULY 59 11164 442 AUGUST 76 10503 421 SEPTEMBER 71 10778 443  OCTOBER 71 10778 443  OCTOBER 78 10573 427 OECEMBER 79 11316 449  YEAR AV. 690 10843 437  CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY FEBRUARY MARCH  APRIL MAY	NON-REGISTEREO NUMBER MILK FAT 6 12295 494 11 11669 467 12 11597 459 3 14550 554 8 11478 456 6 11268 408 15 10929 427 21 11575 431 31 11237 444 25 12338 468 28 12382 480 23 12176 463 189 11824 457  REO OANE NON-REGISTEREO NUMBER MILK FAT 11 11363 433 1 9220 323 1 10800 424 1 9990 383 7 10179 408	NUMBER MILK FAT  66 10923 436 73 10990 443 74 11481 460  42 11030 436 35 11076 441 32 9948 398  74 11116 439 97 10735 423 102 10918 444 96 11226 451 106 11051 441 82 11557 453 879 11054 441  NUMBER MILK FAT  11 11363 433 1 9220 323 1 10800 424 1 9990 383 7 10179 408	NUMBER MILK FAT  9 9712 364 10 9941 350 14 8614 322 5 8644 318 4 7720 267 2 8970 317 8 8409 313 18 8987 342 13 8511 322 7 9643 357 11 8737 326 15 8327 320 116 8859 330  REGISTEREO	NON-REGISTEREO NUMBER MILK FAT  1 7550 297  1 9820 381  1 11460 427 1 10450 373 1 11520 446  3 12877 422 9 13068 473 6 11838 454 4 13143 471 5 11792 455 3 11593 441 35 12125 447  REO POLL NON-REGISTEREO	NUMBER MILK FAT  10 9496 358 10 9941 350 15 8694 326 6 9113 337 5 8266 288 3 9820 360 11 9627 343 27 10347 386 19 9562 364 11 10915 398 16 9692 366 18 8871 340 151 9616 357
MONTH NUMBER MILK FAT  JANUARY FEBRUARY 60 10786 430 FEBRUARY 62 11461 461  APRIL 39 10760 427 MAY 27 10957 437 JUNE 26 9644 396  JULY 59 11164 442 AUGUST 76 10503 421 SEPTEMBER 71 10778 443  OCTOBER 71 10834 445 NOVEMBER 78 10573 427 OECEMBER 59 11316 449  YEAR AV. 690 10843 437  CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY FEBRUARY MARCH  APRIL MAY JUNE JULY 4000ST	NON-REGISTEREO NUMBER MILK FAT  6 12295 494 11 11669 467 12 11587 459 3 14550 554 8 11478 456 6 11268 408 15 10929 427 21 11575 431 31 11237 444 25 12338 468 28 12382 480 23 12176 463 189 11824 457  REO OANE NON-REGISTEREO NUMBER MILK FAT 11 11363 433 1 9220 323 1 10800 424 1 9990 383 7 10179 408 12 11237 469 14 8848 342 29 6430 378	NUMBER MILK FAT  66 10923 436 73 10990 443 74 11481 460  42 11030 436 35 11076 441 32 9948 398  74 1116 439 97 10735 423 102 10918 444 96 11226 451 106 11051 441 82 11557 453 879 11054 441  NUMBER MILK FAT  11 11363 433 1 9220 323 1 10800 424 1 9990 383 7 10179 408 12 11237 409 14 8848 342 22 9630 378	NUMBER MILK FAT  9 9712 364 10 9941 350 14 8614 322 5 8644 318 4 7720 267 2 8970 317 8 8409 313 18 8987 342 13 8511 322 7 9643 357 11 8737 326 15 8327 320 116 8859 330  REGISTEREO	NON-REGISTEREO NUMBER MILK FAT  1 7550 297  1 9820 381  1 11460 427 1 10450 373 1 11520 446  3 12877 422 9 13068 473 6 11838 454 4 13143 471 5 11792 455 3 11593 441 35 12125 447  REO POLL NON-REGISTEREO	NUMBER MILK FAT  10 9496 358 10 9941 350 15 8694 326 6 9113 337 5 8266 288 3 9820 360 11 9627 343 27 10347 386 19 9562 364 11 10915 398 16 9692 366 18 8871 340 151 9616 357

WISCONSIN 35

		AYRSHIRE			GUERNSEY	
CALVING	REGISTEREO	NON-REGISTEREO NUMBER MILK FAT	ALL MILE SAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO	ALL MINOSO MILE SAT
JANUARY FEBRUARY	31 9706 407	4 10545 499 3 7130 336	35 9802 418 38 9709 398	423 9001 430 335 8817 421	235 9177 408 181 9066 396	658 9064 422 516 8905 412
MARCH	21 10205 415 15 9036 363	1 13220 417	22 10342 415	333 8750 417 273 8690 415	197 9399 398 186 9472 412	530 8991 410
JUNE	11 9219 363 13 7975 324	5 9092 336 3 9047 340	16 9179 354 16 8176 327	208 8280 397 178 8176 391	160 9484 391 132 9877 406	368 8804 395 310 8901 397
JULY AUGUST SEPTEMBE	11 8706 349 38 9212 383 53 9075 376	2 8165 292 4 12665 454 9 9460 377	13 8623 340 42 9540 390 62 9131 376	251 8018 387 398 8251 403 521 8398 413	240 9437 397 352 9745 405 541 9869 414	491 8712 392 750 8952 404 1062 9147 413
OCTOBER NOVEMBER OECEMBER		9 10336 415 6 11538 448 8 10995 436	65 9520 393 49 10148 410 56 9693 391	474 8728 422 509 8951 428 444 8855 424	500 10023 420 486 10003 415 421 10227 421	974 9393 421 995 9465 422 865 9523 422
YEAR AV.	375 9437 387	55 10255 405	430 9541 389	4347 8632 415	3631 9762 410	7978 9146 413
		HOLSTEIN			JERSEY	
CALVING MONTH	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH	2464 13128 478 1959 13011 473 1808 12810 468	1273 12406 450 961 12218 443 1060 12041 438	3737 12882 469 2920 12750 463 2868 12526 457	117 8536 452 107 8162 426 110 8438 444	29 8164 414 26 8663 429 38 8327 408	146 8462 445 133 8260 427 148 8409 435
APRIL MAY JUNE	1453 12605 459 1065 12490 453 886 12098 439	921 11944 435 764 11883 432 864 11775 429	2374 12348 449 1829 12237 444 1750 11939 434	63 8232 427 44 7775 411 27 8260 424	33 9142 430 24 8903 405 31 8292 406	96 8545 428 68 8173 409 58 8277 414
JULY AUGUST SEPTEMBE	1621 11995 439 2608 12060 444 R 3531 12349 454	1283 11598 424 2511 11579 426 3488 11846 435	2904 11819 432 5119 11824 435 7019 12099 444	43 7659 405 101 7581 407 140 7526 401	39 7733 366 67 8562 397 101 8360 386	82 7695 387 168 7973 403 241 7875 395
OCTOBER NOVEMBER DECEMBER	3118 12705 466 2911 12956 473	3010 12200 451 2713 12286 451 2434 12406 449	6128 12457 459 5624 12633 462 5093 12760 462	134 7948 425 121 8644 457 102 8593 445	90 9296 438 59 9342 433 57 9228 422	224 8490 430 180 8873 449 159 8821 437
YEAR AV.		21282 12033 440	47365 12373 452	1109 8133 429	594 8728 411	1703 8341 423
		BROWN SWISS			M. SHORTHORN	
CALVING MONTH	REGISTEREO Number milk fat	NON-REGISTEREO	ALL NUMBER MILK FAT	REGISTEREO Number milk fat	NON-REGISTEREO	ALL Number milk fat
MONTH JANUARY FEBRUARY	NUMBER MILK FAT 162 11598 468 105 10900 439	NON-REGISTEREO NUMBER MILK FAT 12 11445 463 8 10591 410	NUMBER MILK FAT 174 11588 468 113 10878 437	NUMBER MILK FAT 38 9120 351 24 8709 326	NON-REGISTEREO NUMBER MILK FAT 2 8305 338 2 9170 361	NUMBER MILK FAT 40 9080 350 26 8745 329
MONTH  JANUARY FEBRUARY MARCH  APRIL	NUMBER MILK FAT  162 11598 468 105 10900 439 132 10435 422 106 10514 420	NON-REGISTEREO NUMBER MILK FAT 12 11445 463 8 10591 410 12 10024 416 13 9782 399	NUMBER MILK FAT  174 11588 468 113 10878 437 144 10401 422 119 10434 418	NUMBER MILK FAT  38 9120 351 24 8709 326 30 9215 355  19 8863 354	NON-REGISTEREO NUMBER MILK FAT 2 8305 338 2 9170 361 2 10800 408 2 10605 436	NUMBER MILK FAT  40 9080 350 26 8745 329 32 9314 358 21 9029 362
MONTH JANUARY FEBRUARY MARCH APRIL MAY JUNE	NUMBER MILK FAT  162 11598 468 105 10900 439 132 10435 422 106 10514 420 94 10803 432 65 10471 413	NON-REGISTEREO NUMBER MILK FAT 12 11445 463 8 10591 410 12 10024 416 13 9782 399 12 10847 380 9 9320 371	NUMBER MILK FAT  174 11588 468 113 10878 437 144 10401 422  119 10434 418 106 10808 426 74 10331 408	NUMBER MILK FAT  38 9120 351 24 8709 326 30 9215 355  19 8863 354 16 7241 270 13 8156 310	NON-REGISTEREO NUMBER MILK FAT 2 8305 338 2 9170 361 2 10800 408	NUMBER MILK FAT  40 9080 350 26 8745 329 32 9314 358 21 9029 362 18 7526 288 14 8338 310
MONTH  JANUARY FEBRUARY MARCH  APRIL MAY	NUMBER MILK FAT  162 11598 468  105 10900 439  132 10455 420  94 10803 432  65 10471 413  117 10559 431  153 10578 433	NON-REGISTEREO NUMBER MILK FAT 12 11445 463 8 10591 410 12 10024 416 13 9782 399 12 10847 380	NUMBER MILK FAT  174 11588 468 113 10878 437 144 10401 422 119 10434 418 106 10808 426	NUMBER MILK FAT  38 9120 351 24 8709 326 30 9215 355  19 8863 354 16 7241 270	NON-REGISTEREO NUMBER MILK FAT 2 8305 338 2 9170 361 2 10800 408 2 10605 436 2 9805 435	NUMBER MILK FAT  40 9080 350 26 8745 329 32 9314 358  21 9029 362 18 7526 288
MONTH  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST SEPTEMBE  OCTOBER NOVEMBER	NUMBER MILK FAT  1 162 11598 468  1 105 10900 439 132 10435 422  1 106 10514 420 94 10803 432 65 10471 413  117 10559 431 153 10578 433 167 10458 430 180 10903 448 180 10154 453	NON-REGISTEREO NUMBER MILK FAT  12 11445 463 8 10591 410 12 10024 416 13 9782 399 12 10847 380 9 9320 371 14 11726 439 33 10981 417 28 11229 454 45 10893 415 41 10878 401	NUMBER MILK FAT  174 11588 458 113 10878 437 144 10401 422  119 10434 418 106 10808 426 74 10331 408  131 10684 432 186 10649 430 195 10568 433  225 10901 441 221 11103 443	NUMBER MILK FAT  38 9120 351 24 8709 326 30 9215 355 19 8863 354 16 7241 270 13 8156 310 29 8264 315 54 8033 311 57 8201 322 47 8064 332 33 9668 373	NON-REGISTEREO NUMBER MILK FAT  2 8305 338 2 9170 361 2 10800 408  2 10605 436 2 9805 435 1 10700 319  3 9983 374 6 10492 404  5 10142 402 2 10800 415	NUMBER MILK FAT  40 9080 350 26 8745 329 22 9314 358 21 9029 362 18 7526 288 14 8338 310 29 8264 315 57 8136 314 63 8419 330 52 8264 339 35 9736 375
MONTH  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST SEPTEMBE  OCTOBER	NUMBER MILK FAT  1 162 11598 468  1 105 10900 439 132 10435 422  106 10514 420 94 10803 432 65 10471 413 117 10559 431 153 10578 433 167 10458 430 180 10903 448 180 10154 453 159 10846 435	NON-REGISTEREO NUMBER MILK FAT  12 11445 463 8 10591 410 12 10024 416 13 9782 399 12 10847 380 9 9320 371 14 11726 439 33 10981 417 28 11229 454 45 10893 415	NUMBER MILK FAT  174 11588 468 113 10878 437 144 10401 422  119 10434 418 106 10808 426 74 10331 408  131 10684 432 186 10649 430 195 10568 433 225 10901 441	NUMBER MILK FAT  38 9120 351 24 8709 326 30 9215 355  19 8863 354 16 7241 270 13 8156 310 29 8264 315 54 8033 311 57 8201 322 47 8064 332	NON-REGISTEREO NUMBER MILK FAT 2 8305 338 2 9170 361 2 10800 408 2 10605 436 2 9805 435 1 10700 319 3 9983 374 6 10402 404 5 10142 402	NUMBER MILK FAT  40 9080 350 26 8745 329 32 9314 358  21 9029 362 18 7526 288 14 8338 310 29 8264 315 57 8136 314 63 8419 330 52 8264 339
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBE OCTOBER NOVEMBER OECEMBER	NUMBER MILK FAT  162 11598 468  105 10900 439 132 10435 422  106 10514 420 94 10803 432 65 10471 413 117 10559 431 153 10578 433 167 10458 430 180 10903 448 180 10154 453 159 10846 435	NON-REGISTEREO NUMBER MILK FAT  12 11445 463 8 10591 410 12 10024 416 13 9782 399 12 10847 380 9 9320 371 14 11726 439 33 10981 417 28 11229 454 45 10883 415 41 10878 401 24 11145 426	NUMBER MILK FAT  174   11588 468 113   10878 437 144   10401 422  119   10434 418 106   10808 426 74   10331 408  131   10684 432 186   10649 430 195   10568 433  225   10901 441 221   11103 443 183   10885 434	NUMBER MILK FAT  38 9120 351 24 8709 326 30 9215 355  19 8863 354 16 7241 270 13 8156 310 29 8264 315 54 8033 311 57 8201 322 47 8064 332 33 9668 373 26 8437 316	NON-REGISTEREO NUMBER MILK FAT  2 8305 338 2 9170 361 2 10800 408 2 10605 436 2 9805 435 1 10700 319  3 9983 374 6 10492 404 5 10142 402 2 10860 415 1 8570 400	NUMBER MILK FAT 40 9080 350 26 8745 329 32 9314 358 21 9029 362 18 7526 288 14 8338 310 29 8264 315 57 8136 314 63 8419 330 52 8264 339 35 9736 375 27 8442 319
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBE OCTOBER NOVEMBER OECEMBER	NUMBER MILK FAT  162 11598 468  105 10900 439 132 10435 422  106 10514 420 94 10803 432 65 10471 413 117 10559 431 153 10578 433 167 10458 430 180 10903 448 180 10154 453 159 10846 435	NON-REGISTEREO NUMBER MILK FAT  12 11445 463 8 10591 410 12 10024 416 13 9782 399 12 10847 380 9 9320 371 14 11726 439 33 10981 417 28 11229 454 45 10883 415 41 10878 401 24 11145 426	NUMBER MILK FAT  174   11588 468 113   10878 437 144   10401 422  119   10434 418 106   10808 426 74   10331 408  131   10684 432 186   10649 430 195   10568 433  225   10901 441 221   11103 443 183   10885 434	NUMBER MILK FAT  38 9120 351 24 8709 326 30 9215 355  19 8863 354 16 7241 270 13 8156 310 29 8264 315 54 8033 311 57 8201 322 47 8064 332 33 9668 373 26 8437 316	NON-REGISTEREO NUMBER MILK FAT  2 8305 338 2 9170 361 2 10800 408 2 10605 436 2 9805 435 1 10700 319  3 9983 374 6 10492 404 5 10142 402 2 10860 415 1 8570 400	NUMBER MILK FAT 40 9080 350 26 8745 329 32 9314 358 21 9029 362 18 7526 288 14 8338 310 29 8264 315 57 8136 314 63 8419 330 52 8264 339 35 9736 375 27 8442 319
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBE OCTOBER NOVEMBER OECEMBER	NUMBER MILK FAT 162 11598 468 105 10900 439 132 10435 422 106 10514 420 94 10803 432 5 10471 413 117 10559 431 117 10559 431 117 10558 433 180 10903 448 180 11154 453 159 10846 435	NON-REGISTEREO NUMBER MILK FAT  12 11445 463 8 10591 410 12 10024 416 13 9782 399 12 10847 380 9 9320 371 14 11726 439 33 10981 417 28 11229 454 45 10893 415 41 10878 401 24 11145 426 251 10869 418	NUMBER MILK FAT  174 11588 468 113 10878 437 144 10401 422 119 10434 418 106 10808 426 74 10331 408  131 10684 432 186 10649 430 195 10568 433 225 10901 441 221 11103 443 183 10885 434  1871 10815 435	NUMBER MILK FAT  38 9120 351 24 8709 326 30 9215 355  19 8863 354 16 7241 270 13 8156 310 29 8264 315 54 8033 311 57 8201 322 47 8064 332 33 9668 373 26 8437 316  386 8499 330  REGISTEREO	NON-REGISTEREO NUMBER MILK FAT  2 8305 338 2 9170 361 2 10800 408 2 10605 436 2 9805 435 1 10700 319 3 9983 374 6 10492 404 5 10142 402 2 10860 415 1 8570 400 28 10070 395	NUMBER MILK FAT  40 9080 350 26 8745 329 22 9314 358 21 9029 362 18 7526 288 14 8338 310 29 8264 315 57 8136 314 63 8419 330 52 8264 339 35 9736 375 27 8442 319 414 8605 334
MONTH  JANUARY FEBRUARY MARCH  APRIL MAY JUNE JULY AUGUST SEPTEMBE  OCCEMBER YEAR AV.	NUMBER MILK FAT  102 11598 468  105 10900 439  132 10435 422  106 10514 420  94 10803 432  65 10471 413  117 10559 431  153 10578 433  R 167 10458 430  180 10903 448  180 11154 453  159 10846 435  1620 10806 438	NON-REGISTEREO NUMBER MILK FAT  12 11445 463 8 10591 410 12 10024 416  13 9782 399 12 10847 380 9 9320 371  14 11726 439 33 10981 417 28 11229 454 45 10893 415 41 10878 401 24 11145 426 251 10869 418  REO DANE NON-REGISTEREO	NUMBER MILK FAT  174 11588 468 113 10878 437 144 10401 422 119 10434 418 106 10808 426 74 10331 408  131 10684 432 186 10649 430 195 10568 433 225 10901 441 221 11103 443 183 10885 434  1871 10815 435	NUMBER MILK FAT  38 9120 351 24 8709 326 30 9215 355  19 8863 354 16 7241 270 13 8156 310 29 8264 315 54 8033 311 57 8201 322 47 8064 332 33 9668 373 26 8437 316  386 8499 330  REGISTEREO	NON-REGISTEREO NUMBER MILK FAT  2 8305 338 2 9170 361 2 10800 408 2 10605 436 2 9805 435 1 10700 319  3 9983 374 6 10492 404 5 10142 402 2 10860 415 1 8570 400 28 10070 395  REO POLL NON-REGISTEREO	NUMBER MILK FAT  40 9080 350 26 8745 329 22 9314 358 21 9029 362 18 7526 288 14 8338 310 29 8264 315 57 8136 314 63 8419 330 52 8264 339 35 9736 375 27 8442 319 414 8605 334
MONTH  JANUARY FEBRUARY MARCH  APRIL MAY JUNE JULY AUGUST SEPTEMBE OCTOBER OCT	NUMBER MILK FAT  102 11598 468  105 10900 439  132 10435 422  106 10514 420  94 10803 432  65 10471 413  117 10559 431  153 10578 433  R 167 10458 430  180 10903 448  180 11154 453  159 10846 435  1620 10806 438	NON-REGISTEREO NUMBER MILK FAT  12 11445 463 8 10591 410 12 10024 416  13 9782 399 12 10847 380 9 9320 371  14 11726 439 33 10981 417 28 11229 454 45 10893 415 41 10878 401 24 11145 426 251 10869 418  REO DANE NON-REGISTEREO	NUMBER MILK FAT  174 11588 468 113 10878 437 144 10401 422 119 10434 418 106 10808 426 74 10331 408  131 10684 432 186 10649 430 195 10568 433 225 10901 441 221 11103 443 183 10885 434  1871 10815 435	NUMBER MILK FAT  38 9120 351 24 8709 326 30 9215 355  19 8863 354 16 7241 270 13 8156 310 29 8264 315 54 8033 311 57 8201 322 47 8064 332 33 9668 373 26 8437 316  386 8499 330  REGISTEREO	NON-REGISTEREO NUMBER MILK FAT  2 8305 338 2 9170 361 2 10800 408 2 10605 436 2 9805 435 1 10700 319  3 9983 374 6 10492 404 5 10142 402 2 10860 415 1 8570 400 28 10070 395  REO POLL NON-REGISTEREO	NUMBER MILK FAT  40 9080 350 26 8745 329 22 9314 358 21 9029 362 18 7526 288 14 8338 310 29 8264 315 57 8136 314 63 8419 330 52 8264 339 35 9736 375 27 8442 319 414 8605 334
MONTH  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST  CALVING MONTH  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST	NUMBER MILK FAT  162 11598 468 105 10900 439 132 10435 422 106 10514 420 94 10803 432 65 10471 413 117 10559 431 153 10578 433 18 167 10458 430 180 10903 448 1 180 11154 453 1 159 10846 435 1 1620 10806 438	NON-REGISTEREO NUMBER MILK FAT  12 11445 463 8 10591 410 12 10024 416  13 9782 399 12 10847 380 9 9320 371  14 11726 439 33 10981 417 28 11229 454 45 10893 415 41 10878 401 24 11145 426 251 10869 418  REO DANE NON-REGISTEREO	NUMBER MILK FAT  174 11588 468 113 10878 437 144 10401 422 119 10434 418 106 10808 426 74 10331 408  131 10684 432 186 10649 430 195 10568 433 225 10901 441 221 11103 443 183 10885 434  1871 10815 435	NUMBER MILK FAT  38 9120 351 24 8709 326 30 9215 355  19 8863 354 16 7241 270 13 8156 310 29 8264 315 54 8033 311 57 8201 322 47 8064 332 33 9668 373 26 8437 316 386 8499 330  REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT  2 8305 338 2 9170 361 2 10800 408 2 10605 436 2 9805 435 1 10700 319  3 9983 374 6 10492 404 5 10142 402 2 10860 415 1 8570 400 28 10070 395  REO POLL NON-REGISTEREO	NUMBER MILK FAT  40 9080 350 26 8745 329 32 9314 358  21 9029 362 18 7526 288 14 8338 310 29 8264 315 57 8136 314 63 8419 330 52 8264 339 35 9736 375 27 8442 319 414 8605 334
MONTH  JANUARY FEBRUARY MARCH  APRIL MAY AUGUST OCCOMER NOVEMBER OCCEMBER YEAR AV.  CALVING MONTH  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JUNE JUNE JUNE JUNE JUNE JUNE JUN	NUMBER MILK FAT  162 11598 468 105 10900 439 132 10435 422 106 10514 420 94 10803 432 65 10471 413 117 10559 431 153 10578 433 18 167 10458 430 180 10903 448 1 180 11154 453 1 159 10846 435 1 1620 10806 438	NON-REGISTEREO NUMBER MILK FAT  12 11445 463 8 10591 410 12 10024 416  13 9782 399 12 10847 380 9 9320 371  14 11726 439 33 10981 417 28 11229 454 45 10893 415 41 10878 401 24 11145 426 251 10869 418  REO DANE NON-REGISTEREO	NUMBER MILK FAT  174 11588 468 113 10878 437 144 10401 422 119 10434 418 106 10808 426 74 10331 408  131 10684 432 186 10649 430 195 10568 433 225 10901 441 221 11103 443 183 10885 434  1871 10815 435	NUMBER MILK FAT  38 9120 351 24 8709 326 30 9215 355  19 8863 354 16 7241 270 13 8156 310 29 8264 315 54 8033 311 57 8201 322 47 8064 332 33 9668 373 26 8437 316 386 8499 330  REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT  2 8305 338 2 9170 361 2 10800 408 2 10605 436 2 9805 435 1 10700 319  3 9983 374 6 10492 404 5 10142 402 2 10860 415 1 8570 400 28 10070 395  REO POLL NON-REGISTEREO	NUMBER MILK FAT  40 9080 350 26 8745 329 32 9314 358  21 9029 362 18 7526 288 14 8338 310 29 8264 315 57 8136 314 63 8419 330 52 8264 339 35 9736 375 27 8442 319 414 8605 334
MONTH  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST  CALVING MONTH  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST	NUMBER MILK FAT  162 11598 468 105 10900 439 132 10435 422 106 10514 420 94 10803 432 65 10471 413 117 10559 431 153 10578 433 18 167 10458 430 180 10903 448 180 11154 453 159 10846 435 1620 10806 438	NON-REGISTEREO NUMBER MILK FAT  12 11445 463 8 10591 410 12 10024 416  13 9782 399 12 10847 380 9 9320 371  14 11726 439 33 10981 417 28 11229 454 45 10893 415 41 10878 401 24 11145 426 251 10869 418  REO DANE NON-REGISTEREO	NUMBER MILK FAT  174 11588 468 113 10878 437 144 10401 422 119 10434 418 106 10808 426 74 10331 408  131 10684 432 186 10649 430 195 10568 433 225 10901 441 221 11103 443 183 10885 434  1871 10815 435	NUMBER MILK FAT  38 9120 351 24 8709 326 30 9215 355  19 8863 354 16 7241 270 13 8156 310 29 8264 315 54 8033 311 57 8201 322 47 8064 332 33 9668 373 26 8437 316 386 8499 330  REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT  2 8305 338 2 9170 361 2 10800 408 2 10605 436 2 9805 435 1 10700 319  3 9983 374 6 10492 404 5 10142 402 2 10860 415 1 8570 400 28 10070 395  REO POLL NON-REGISTEREO	NUMBER MILK FAT  40 9080 350 26 8745 329 32 9314 358  21 9029 362 18 7526 288 14 8338 310 29 8264 315 57 8136 314 63 8419 330 52 8264 339 35 9736 375 27 8442 319 414 8605 334

MINNESOTA 41

OCTOBER NOVEMBER OECEMBER YEAR AV.

	AYRSHIRE			CUCRNEEV	
CALVING REGISTEREO	NON-REGISTEREO	ALL	REGISTEREO	GUERNSEY NON-REGISTEREO	ALL
MONTH NUMBER MILK FAT JANUARY 37 9099 364	NUMBER MILK FAT 3 12307 468	NUMBER MILK FAT 40 9339 372	NUMBER MILK FAT 150 9052 437	NUMBER MILK FAT	NUMBER MILK FAT
FEBRUARY 26 10159 406 MARCH 25 10320 407	4 9483 412 7 8409 368	30 10069 406 32 9902 399	122 8819 427 146 8875 424	144 9344 409 176 9500 410	361 9266 420 266 9103 417 322 9216 417
APRIL 23 9731 390 MAY 11 9307 367 JUNE 9 9819 386	4 8530 380 3 11380 439 2 6485 277	27 9553 388 14 9751 382 11 9213 366	99 8649 424 77 8663 419 66 8254 398	119 9240 397 79 9469 390 69 10035 408	218 8972 409 156 9072 404 135 9164 403
JULY 14 10050 412 AUGUST 44 8967 371	1 13950 477 1 7180 293	15 10310 416 45 8927 369	124 8129 398 161 7881 389	120 10273 407 179 10492 416	244 9183 402 340 9255 403
SEPTEMBER 54 8677 346 OCTOBER 58 9581 392	4 10865 397 14 10563 395	58 8828 349 72 9772 392	211 8430 421 205 8702 425	430 10732 427	641 9975 425 644 9977 424
NOVEMBER 42 9576 379 OECEMBER 35 9726 404	14 10269 387 6 11477 425	56 9750 381 41 9982 407	212 8979 434 184 9022 438	370 10770 426 289 10895 431	582 10118 429 473 10166 433
YEAR AV. 378 9459 382	63 10159 395	441 9559 383	1757 8651 421	2625 10303 418	4382 9641 420
	HOLSTEIN			JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 789 13450 486 FEBRUARY 535 13261 481 MARCH 474 13022 473	1536 12396 443 1094 12334 440 974 12285 443	2325 12754 458 1629 12639 453 1448 12527 453	85 8914 455 61 8687 453 56 7915 416	27 8845 416 30 8265 408 19 8192 421	112 8897 446 91 8548 438 75 7985 417
APRIL 359 13094 479 MAY 252 12487 450	725 11980 430 550 12018 434	1084 12349 446 802 12165 439	44 8807 471 43 7814 411	13 8472 422 12 9561 422	57 8730 460 55 8195 413
JUNE 246 12668 459 JULY 463 12759 460	1122 11990 433	895 12435 448 1585 12214 441	25 7553 393 43 7634 388	14 9994 429 22 8059 383	39 8429 406 65 7778 387
AUGUST 700 12489 452 SEPTEMBER 1165 12964 472	2082 12128 439 4429 12340 446	2782 12218 442 5594 12470 452	53 7341 383 99 7642 403	35 7828 381 86 9346 419	185 8434 411
OCTOBER 1167 13303 485 NOVEMBER 1022 13548 492 OECEMBER 834 13196 478	4396 12691 460 3773 12551 454 3212 12517 448	5563 12820 465 4795 12764 462 4046 12657 454	101 8189 446 80 8397 442 70 7759 401	60 9405 437 58 9808 427 65 9665 436	161 8642 442 138 8990 436 135 8677 418
YEAR AV. 8006 13112 476	24542 12408 447	32548 12581 454	760 8104 425	441 9124 420	1201 8479 423
YEAR AV. 8006 13112 476		32548 12581 454	760 8104 425		1201 8479 423
YEAR AV. 8006 13112 476  CALVING REGISTEREO	24542 12408 447  BROWN SWISS  NON-REGISTERED	32548 12581 454 ALL	760 8104 425 REGISTEREO	441 9124 420 M. SHORTHORN NON-REGISTEREO	1201 8479 423
CALVING REGISTEREO MONTH NUMBER MILK FAT	BROWN SWISS NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO Number milk fat	M. SHORTHORN NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
CALVING REGISTEREO	BROWN SWISS	ALL	REGISTEREO	M. SHORTHORN NON-REGISTEREO	ALL
CALVING REGISTEREO MONTH NUMBER MILK FAT JANUARY 86 11148 442 FEBRUARY 74 11432 455	BROWN SWISS  NON-REGISTERED NUMBER MILK FAT  14 12219 474 19 12070 464	ALL NUMBER MILK FAT 100 11298 447 93 11563 457	REGISTEREO NUMBER MILK FAT 25 9183 345 28 10104 378	M. SHORTHORN NON-REGISTEREO NUMBER MILK FAT 3 12277 452	ALL NUMBER MILK FAT 28 9515 356 28 10104 378
CALVING REGISTEREO NUMBER MILK FAT JANUARY 86 11148 442 FEBRUARY 74 11432 455 MARCH 57 10909 435 APRIL 41 10841 436 MAY 32 10225 409 JUNE 28 10704 422 JULY 63 10013 418 AUGUST 50 10342 427	BROWN SHISS  NON-REGISTERED NUMBER MILK FAT  14 12219 474 19 12070 464 18 10929 423 16 10663 413 14 11402 430 13 12436 455 18 10561 401 30 10498 404	ALL NUMBER MILK FAT 100 11298 447 93 11563 457 75 10914 432 57 10791 429 46 10583 415 41 11253 432 81 10134 414 80 10401 418	REGISTEREO NUMBER MILK FAT  25 9183 345 28 10104 376 18 9281 343 13 8689 317 10 8166 293 8 7944 281 13 8487 299 5 7524 274	M. SHORTHORN  NON-REGISTEREO  NUMBER MILK FAT  3 12277 452  1 7790 289  2 11465 396 2 10605 397 1 10190 363  2 13350 450 2 11550 428	ALL NUMBER MILK FAT  28 9515 356 28 10104 378 19 9202 340 15 9059 327 12 8573 310 9 8193 290 15 9153 319 7 8677 318
CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY 86 11148 442 FEBRUARY 74 11432 455 MARCH 57 10909 435  APRIL 41 10841 436 MAY 32 10225 409 JUNE 28 10704 422  JULY 63 10013 418 AUGUST 50 10342 427 SEPTEMBER 91 11029 455  OCTOBER 94 10842 444	BROWN SWISS  NON-REGISTERED NUMBER MILK FAT  14 12219 474 19 12070 464 18 10929 423 16 10663 413 14 11402 430 13 12436 455 18 10561 401 30 10498 404 74 11143 423 71 10855 418	ALL NUMBER MILK FAT  100 11298 447 93 11563 457 75 10914 432  57 10791 429 46 10583 415 41 11253 432  81 10134 414 80 10401 418 165 1080 441 165 10848 433	REGISTEREO NUMBER MILK FAT 25 9183 345 26 10104 378 18 9281 343 13 8689 317 10 8166 293 8 7944 281 13 8487 299 5 7524 274 13 8148 314	M. SHORTHORN  NON-REGISTEREO  NUMBER MILK FAT  3 12277 452  1 7790 289  2 11465 397  2 10605 397  1 10190 363  2 13350 450  2 11560 428  5 12676 481  6 14302 515	ALL NUMBER MILK FAT  28 9515 356 28 10104 378 19 9202 340 15 9059 327 12 8573 310 9 8193 290 15 9135 319 7 8677 318 18 9406 361 29 9457 351
CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY 86 11148 442 FEBRUARY 74 11432 455 MARCH 57 10909 435  APRIL 41 10841 436 MAY 32 10225 409 JUNE 28 10704 422 JUNE 28 10704 422 GEPTEMBER 91 11029 455  OCTOBER 94 10842 444 MOVEMBER 95 11328 456 OECEMBER 64 11272 456	BROWN SWISS  NON-REGISTERED NUMBER MILK FAT  14 12219 474 19 12070 464 18 10929 423 16 10663 413 14 11402 430 13 12436 455 18 10561 401 30 10498 404 74 11143 423 71 10855 418 64 11414 436 44 11449 428	ALL NUMBER MILK FAT  100 11298 447 93 11563 457 75 10914 432 57 10791 429 46 10583 415 41 11253 432 81 10134 414 80 10401 418 105 11080 441 165 10848 433 159 11363 488 108 11344 444	REGISTEREO NUMBER MILK FAT  25 9183 345 28 10104 378 18 9281 343 13 8689 317 10 8166 293 8 7944 281 13 8487 299 5 7524 274 13 8148 314 23 8193 308 37 8051 309 19 7617 298	M. SHORTHORN  NON-REGISTEREO NUMBER MILK FAT  3 12277 452 1 7790 289 2 11465 396 2 10605 397 1 10190 363 2 13350 450 2 11560 428 5 12676 481 6 14302 515 7 11270 412 8 11694 406	ALL NUMBER MILK FAT  28 9515 356 28 10104 378 19 9202 340 15 9059 327 12 8573 310 9 8193 290 15 9135 319 7 8677 318 18 9406 361 29 9457 351 44 8563 326 27 8825 330
CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY 86 11148 442 FEBRUARY 74 11432 455 MARCH 57 10909 435  APRIL 41 10841 436 MAY 32 10225 409 JUNE 28 10704 422 JUNE 28 10704 422 SEPTEMBER 91 11029 455  OCTOBER 94 10842 444 MOVEMBER 95 11328 456	BROWN SWISS  NON-REGISTERED NUMBER MILK FAT  14 12219 474 19 12070 464 18 10929 423 16 10663 413 14 11402 430 13 12436 455 18 10561 401 30 10498 404 74 11143 423 71 10855 418 64 11414 436	ALL NUMBER MILK FAT 100 11298 447 93 11563 457 75 10914 432 57 10791 429 46 10583 415 41 11253 432 81 10134 414 80 10401 418 105 11080 441 165 10848 433 159 11363 448	REGISTEREO NUMBER MILK FAT  25 9183 345 28 10104 378 18 9281 343 13 8689 317 10 8166 293 8 7944 281 13 8487 299 5 7524 274 13 8188 314 23 8193 308 37 8051 309	M. SHORTHORN  NON-REGISTEREO NUMBER MILK FAT  3 12277 452 1 7790 289 2 11465 396 2 10605 397 1 10190 363 2 13350 450 2 11560 428 5 12676 481 6 14302 515 7 11270 412	ALL NUMBER MILK FAT  28 9515 356 28 10104 378 19 9202 340 15 9059 327 12 8673 310 9 8193 290 15 9135 319 7 8677 318 18 9406 361 29 9457 351 44 8563 326
CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY 86 11148 442 FEBRUARY 74 11432 455 MARCH 57 10909 435  APRIL 41 10841 436 MAY 32 10225 409 JUNE 28 10704 422 JULY 63 10013 418 AUGUST 50 10342 427 SEPTEMBER 91 11029 455  OCTOBER 94 10842 444 NOVEMBER 95 11328 456 OECEMBER 64 11272 456	BROWN SWISS  NON-REGISTERED NUMBER MILK FAT  14 12219 474 19 12070 464 18 10929 423 16 10663 413 14 11402 430 13 12436 455 18 10561 401 30 10498 404 74 11143 423 71 10855 418 64 11414 436 44 11449 428	ALL NUMBER MILK FAT  100 11298 447 93 11563 457 75 10914 432 57 10791 429 46 10583 415 41 11253 432 81 10134 414 80 10401 418 105 11080 441 165 10848 433 159 11363 488 108 11344 444	REGISTEREO NUMBER MILK FAT  25 9183 345 28 10104 378 18 9281 343 13 8689 317 10 8166 293 8 7944 281 13 8487 299 5 7524 274 13 8148 314 23 8193 308 37 8051 309 19 7617 298	M. SHORTHORN  NON-REGISTEREO NUMBER MILK FAT  3 12277 452 1 7790 289 2 11465 396 2 10605 397 1 10190 363 2 13350 450 2 11560 428 5 12676 481 6 14302 515 7 11270 412 8 11694 406	ALL NUMBER MILK FAT  28 9515 356 28 10104 378 19 9202 340 15 9059 327 12 8573 310 9 8193 290 15 9135 319 7 8677 318 18 9406 361 29 9457 351 44 8563 326 27 8825 330
CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY 86 11148 442 FEBRUARY 74 11432 455 MARCH 57 10909 435  APRIL 41 10841 436 MAY 32 10225 409 JUNE 28 10704 422 JUNE 28 10704 422 GEPTEMBER 91 11029 455  OCTOBER 94 10842 444 MOVEMBER 95 11328 456 OECEMBER 64 11272 456	BROWN SWISS  NON-REGISTERED NUMBER MILK FAT  14 12219 474 19 12070 464 18 10929 423 16 10663 413 14 11402 430 13 12436 455 18 10561 401 30 10498 404 74 11143 423 71 10855 418 64 11414 436 44 11449 428 395 11199 427  REO OANE NON-REGISTEREO	ALL NUMBER MILK FAT  100 11298 447 93 11563 457 75 10914 432 57 10791 429 46 10583 415 41 11253 432 81 10134 414 80 10401 418 165 11080 441 165 10848 433 159 11363 448 108 11344 444 1170 11017 437	REGISTEREO NUMBER MILK FAT  25 9183 345 28 10104 378 18 9281 343 13 8689 317 10 8166 293 8 7944 281 13 8487 299 5 7524 274 13 8193 308 37 8051 309 19 7617 298 212 8597 322  REGISTEREO	M. SHORTHORN  NON-REGISTEREO NUMBER MILK FAT  3 12277 452 1 7790 289 2 11465 396 2 10605 397 1 10190 363 2 13350 450 2 11560 428 5 12676 481 6 14302 515 7 11270 412 8 11694 406 39 12062 435	ALL NUMBER MILK FAT  28 9515 356 28 10104 378 19 9202 340 15 9059 327 12 8573 310 9 8193 290 15 9135 319 7 8677 318 18 9406 361 29 9457 351 44 8563 326 27 8825 330 251 9135 339
CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY 86 11148 442 FEBRUARY 74 11432 455 MARCH 57 10909 435 MAY 32 10225 409 JUNE 28 10704 422 JULY 63 10013 418 AUGUST 50 10342 427 SEPTEMBER 91 11029 455 OCTOBER 94 10842 444 NOVEMBER 95 11328 456 OECEMBER 64 11272 456 YEAR AV. 775 10924 442	BROWN SWISS  NON-REGISTERED NUMBER MILK FAT  14 12219 474 19 12070 464 18 10929 423 16 10663 413 14 11402 430 13 12436 455 18 10561 401 30 10498 404 74 11143 423 71 10855 418 64 11414 436 44 11449 428 395 11199 427  REO OANE NON-REGISTEREO	ALL NUMBER MILK FAT  100 11298 447 93 11563 457 75 10914 432 57 10791 429 46 10583 415 41 11253 432 81 10134 414 80 10401 418 165 10808 443 159 11363 448 108 11344 444  1170 11017 437	REGISTEREO NUMBER MILK FAT  25 9183 345 28 10104 378 18 9281 343 13 8689 317 10 8166 293 8 7944 281 13 8487 299 5 7524 274 13 8193 308 37 8051 309 19 7617 298 212 8597 322  REGISTEREO	M. SHORTHORN  NON-REGISTEREO  NUMBER MILK FAT  3 12277 452  1 7790 289  2 11465 396 2 10605 397 1 10190 363 2 13350 450 2 11550 428 5 12676 481 6 14302 515 7 11270 412 8 11694 406 39 12062 435  REO POLL  NON-REGISTERED	ALL NUMBER MILK FAT  28 9515 356 28 10104 378 19 9020 340 15 9059 327 12 8573 310 9 8193 290 15 9135 319 7 8677 318 18 9406 361 29 9457 351 44 8563 326 27 8825 330 251 9135 339
CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY 86 11148 442 FEBRUARY 74 11432 455 MARCH 57 10909 435 MARCH 57 10090 435 MAY 32 10225 409 JUNE 28 10704 422 JULY 63 10013 418 AUGUST 50 10342 427 SEPTEMBER 91 11029 455 OCTOBER 94 10842 444 NOVEMBER 95 11328 456 OECEMBER 64 11272 456 YEAR AV. 775 10924 442  CALVING REGISTEREO MONTH NUMBER MILK FAT JANUARY FEBRUARY MARCH APRIL MAY.	BROWN SWISS  NON-REGISTERED NUMBER MILK FAT  14 12219 474 19 12070 464 18 10929 423 16 10663 413 14 11402 430 13 12436 455 18 10561 401 30 10498 404 74 11143 423 71 10855 418 64 11414 436 44 11449 428 395 11199 427  REO OANE NON-REGISTEREO	ALL NUMBER MILK FAT  100 11298 447 93 11563 457 75 10914 432 57 10791 429 46 10583 415 41 11253 432 81 10134 414 80 10401 418 165 10808 443 159 11363 448 108 11344 444  1170 11017 437	REGISTEREO NUMBER MILK FAT  25 9183 345 28 10104 378 18 9281 343 13 8689 317 10 8166 293 8 7944 281 13 8487 299 5 7524 274 13 8193 308 37 8051 309 19 7617 298 212 8597 322  REGISTEREO	M. SHORTHORN  NON-REGISTEREO  NUMBER MILK FAT  3 12277 452  1 7790 289  2 11465 396 2 10605 397 1 10190 363 2 13350 450 2 11550 428 5 12676 481 6 14302 515 7 11270 412 8 11694 406 39 12062 435  REO POLL  NON-REGISTERED	ALL NUMBER MILK FAT  28 9515 356 28 10104 378 19 9202 340 15 9059 327 12 8573 310 9 8193 290 15 9135 319 7 8677 318 18 9406 361 29 9457 351 44 8563 326 27 8825 330 251 9135 339
CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY 86 11148 442 FEBRUARY 74 11432 455 MARCH 57 10909 435 MARCH 57 10909 435 MAY 32 10225 409 JUNE 28 10704 422 JULY 63 10013 418 AUGUST 50 10342 427 SEPTEMBER 91 11029 455 OCTOBER 94 10842 444 NOVEMBER 95 11328 456 OECEMBER 64 11272 456 YEAR AV. 775 10924 442  CALVING REGISTEREO MONTH NUMBER MILK FAT JANUARY FEBRUARY MARCH APRIL	BROWN SWISS  NON-REGISTERED NUMBER MILK FAT  14 12219 474 19 12070 464 18 10929 423 16 10663 413 14 11402 430 13 12436 455 18 10561 401 30 10498 404 74 11143 423 71 10855 418 64 11414 436 44 11449 428 395 11199 427  REO OANE NON-REGISTEREO	ALL NUMBER MILK FAT  100 11298 447 93 11563 457 75 10914 432 57 10791 429 46 10583 415 41 11253 432 81 10134 414 80 10401 418 165 10808 443 159 11363 448 108 11344 444  1170 11017 437	REGISTEREO NUMBER MILK FAT  25 9183 345 28 10104 378 18 9281 343 13 8689 317 10 8166 293 8 7944 281 13 8487 299 5 7524 274 13 8193 308 37 8051 309 19 7617 298 212 8597 322  REGISTEREO	M. SHORTHORN  NON-REGISTEREO  NUMBER MILK FAT  3 12277 452  1 7790 289  2 11465 396 2 10605 397 1 10190 363 2 13350 450 2 11550 428 5 12676 481 6 14302 515 7 11270 412 8 11694 406 39 12062 435  REO POLL  NON-REGISTERED	ALL NUMBER MILK FAT  28 9515 356 28 10104 378 19 9202 340 15 9059 327 12 8573 310 9 8193 290 15 9135 319 7 8677 318 18 9406 361 29 9457 351 44 8563 326 27 8825 330 251 9135 339

IOWA 42

	AYRSHIRE			GUERNSEY	
CÁLVING REGISTEREO MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAI	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 41 10732 432 FEBRUARY 43 10634 419 MARCH 37 10532 431	2 8910 328 6 8462 353 5 11588 428	43 10647 427 49 10368 411 42 10658 431	153 8648 416 121 8929 432 127 8569 412	154 9444 416 152 9442 409	307 9047 416 273 9215 419 268 6997 409
APRIL 25 10286 408 MAY 14 9711 407 JUNE 15 9658 382	4 11575 375 4 8663 325 4 10870 362	29 10463 403 18 9478 389 19 9913 378	97 8791 422 73 8600 407 76 8492 416	133 9055 393 75 9705 399	230 8943 405 148 9160 403 191 8838 397
JULY 38 9127 365 AUGUST 55 9321 377 SEPTEMBER 82 9313 380	4 11528 420 5 9700 312 10 9594 397	42 9355 370 60 9353 371 92 9343 382	94 7748 373 130 8143 408 170 8311 421	131 9459 390 187 9281 388	225 8744 383 317 8814 396 401 8835 401
OCTOBER 66 9923 399 NOVEMBER 76 10091 415	12 10429 399 7 10041 392 11 9884 357	78 10001 399 83 10087 413 64 10164 411	187 8781 437 161 8987 441 149 8902 426	264 9904 412 249 9660 412	451 9438 423 410 9396 423 376 9319 413
OECEMBER 53 10222 422 YEAR AV. 545 9930 402	74 10077 376	619 9947 399	1538 8604 420		3597 9097 409
CALVING REGISTERED	HOLSTEIN NON-REGISTEREO	ALL	REGISTEREO	JERSEY NON-REGISTEREO	ALL
MONTH NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT
JANUARY 768 13404 481 FEBRUARY 575 13218 478 MARCH 551 13113 474	885 12069 436 668 11959 435 599 11815 428	1653 12689 457 1243 12541 455 1150 12437 450	113 8279 423 104 8334 433 83 7649 393	21 7674 386	141 8118 415 125 8223 424 107 7591 393
APRIL 427 13177 476 MAY 352 12880 462 JUNE 347 12627 455	601 11769 429 615 11430 419 761 11700 424	1028 12354 449 967 11958 434 1108 11990 434	71 7521 398 46 7846 404 49 7224 386	31 9380 393	90 7595 392 77 8464 399 75 7741 389
JULY 530 12447 451 AUGUST 677 12129 444 SEPTEMBER 907 12441 456	1056 11164 409 1402 11177 409 2146 11318 416	1586 11592 423 2079 11487 421 3053 11651 428	82 6954 373 90 7272 383 102 7512 403	52 8015 371	119 7200 368 142 7544 377 176 7796 393
OCTOBER 819 12917 476 NOVEMBER 884 13218 487 OECEMBER 846 13329 485	2164 11589 429 2167 11830 435 2022 11649 427	2983 11954 442 3051 12232 450 2868 12145 444	90 7754 411 88 7642 41 115 8224 439	50 8927 406	162 8490 417 138 8107 413 181 8463 427
YEAR AV. 7683 12924 470	15086 11585 425	22769 12037 440	1033 7738 408	500 8467 391	1533 7976 403
	BROWN SWISS			M. SHORTHORN	
CALVING REGISTEREO MONTH NUMBER MILK FAT	NON-REGISTEREO	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FA'	NON-REGISTEREO	ALL NUMBER MILK FAT
	NON-REGISTEREO			NON-REGISTEREO NUMBER MILK FAT	
MONTH NUMBER MILK FAT  JANUARY 175 11228 456 FEBRUARY 152 11084 446	NON-REGISTEREO NUMBER MILK FAT 19 11299 456 17 12552 497	NUMBER MILK FAT 194 11235 456 169 11231 451	NUMBER MILK FAT 31 9794 379 25 9247 345	NON-REGISTEREO NUMBER MILK FAT 1 9340 371 1 11450 408 2 9365 362	NUMBER MILK FAT 32 9780 379 25 9247 347
MONTH NUMBER MILK FAT  JANUARY 175 11228 456 FEBRUARY 152 11084 446 MARCH 107 11144 451  APRIL 108 10824 436 MAY 96 10106 400 JUNE 89 10609 429  JULY 129 10052 406 AUGUST 136 9777 402	NON-REGISTEREO NUMBER MILK FAT 19 11299 456 17 12552 497 12 10414 430 30 11320 436 34 11308 430 43 10160 399 54 10579 426	NUMBER MILK FAT  194 11235 456 169 11231 451 119 11070 449 138 10820 431 126 10395 409	NUMBER MILK FA' 31 9794 37' 25 9247 34' 24 9100 33' 20 9851 36' 12 8466 32'	NON-REGISTEREO NUMBER MILK FAT 1 9340 371 1 11450 408 2 9365 362 5 11448 420 3 8543 330 5 9796 403	NUMBER MILK FAT  32 9780 379 25 9247 347 25 9194 336  22 9807 368 12 8466 327 28 9665 366  26 7807 300 46 7936 313
MONTH NUMBER MILK FAT  JANUARY 175 11228 456 FEBRUARY 152 11004 446 MARCH 107 11144 451  APRIL 108 10824 436 MAY 96 10106 400 JUNE 89 10609 429  JULY 129 10052 406 AUGUST 136 9777 402 SEPTEMBER 192 10226 421  OCTOBER 181 10490 436 NOVEMBER 232 11072 455	NON-REGISTEREO NUMBER MILK FAT 19 11299 456 17 12552 497 12 10414 430 30 11320 436 34 11308 430 43 10160 399 54 10579 426 72 10932 411 81 11252 444 85 11259 451	NUMBER MILK FAT  194 11235 456 169 11231 451 119 11070 449  138 10820 431 126 10395 409 123 10802 430  172 10079 405 190 10005 409 264 10418 418  262 10725 439 317 11122 454	NUMBER MILK FA' 31 9794 37' 25 9247 34' 24 9100 33' 20 9851 36' 12 8466 32' 23 9277 35' 23 7710 29' 41 7710 30' 58 7296 27' 39 9138 35' 56 8366 32'	NON-REGISTEREO NUMBER MILK FAT 1 9340 371 1 11450 408 2 9365 362 5 11448 420 2 3 8543 330 5 9796 403 3 9647 366 2 9405 305 5 10318 368	NUMBER MILK FAT  32 9780 379 25 9247 347 25 9194 336  22 9807 368 12 8466 327 28 9665 366 26 7807 300 46 7936 313 61 7412 283  41 9151 355 61 8526 331
MONTH NUMBER MILK FAT  JANUARY 175 11228 456 FEBRUARY 152 11084 446 MARCH 107 11144 451  APRIL 108 10824 436 MAY 96 10106 400 JUNE 89 10069 429  JULY 129 10052 406 AUGUST 136 9777 402 SEPTEMBER 192 10226 421  OCTOBER 181 10490 436	NON-REGISTEREO NUMBER MILK FAT 19 11299 456 17 12552 497 12 10414 430 30 10806 414 30 11320 436 34 11308 430 43 10160 399 54 10579 426 72 10932 411 81 11252 444	NUMBER MILK FAT  194 11235 456 169 11231 451 119 11070 449  138 10820 431 126 10395 409 123 10802 430  172 10079 405 190 10005 409 264 10418 418 262 10725 439	NUMBER MILK FA' 31 9794 37: 25 9247 34: 24 9100 33: 20 9851 36: 12 8466 32: 23 9277 35: 23 7710 29: 41 7710 30: 58 7296 27: 39 9138 35:	NON-REGISTEREO NUMBER MILK FAT 1 9340 371 1 11450 408 2 9365 362 5 11448 420 2 3 8543 330 5 9796 403 3 9647 366 2 9405 305 5 10318 368 2 8140 319	NUMBER MILK FAT 32 9780 379 25 9247 347 25 9194 336 22 9807 368 12 8466 327 28 9665 366 26 7807 300 46 7936 313 61 7412 283 41 9151 355
MONTH NUMBER MILK FAT  JANUARY 175 11228 456 FEBRUARY 152 11044 446 MARCH 107 11144 451  APRIL 108 10824 436 MAY 96 10106 400 JUNE 89 10609 429  JULY 129 10052 406 AUGUST 136 9777 402 SEPTEMBER 192 10226 421  OCTOBER 181 10490 436 NOVEMBER 232 11072 455  OECEMBER 184 10736 438	NON-REGISTEREO NUMBER MILK FAT 19 11299 456 17 12552 497 12 10414 430 30 11320 436 34 11308 430 43 10160 399 54 10579 426 72 10932 411 81 11252 444 85 11259 451 88 11672 443	NUMBER MILK FAT  194 11235 456 169 11231 451 119 11070 449  138 10820 431 126 10395 409 123 10802 430  172 10079 405 190 10005 409 264 10418 418  262 10725 439 317 11122 454 272 11039 439	NUMBER MILK FA'  31 9794 37: 25 9247 34: 24 9100 33: 20 9851 36: 12 8466 32: 23 9777 36: 23 7710 29: 41 7710 30: 58 7296 27: 39 9138 35: 56 8366 32: 33 8528 32:	NON-REGISTEREO NUMBER MILK FAT 1 9340 371 1 11450 408 2 9365 362 5 11448 420 2 3 8543 330 5 9796 403 3 9647 366 2 9405 305 5 10318 368 2 8140 319	NUMBER MILK FAT  32 9780 379 25 9247 347 25 9194 336  22 9807 368 12 8466 327 28 9655 366 26 7807 300 46 7936 313 61 7412 283 41 9151 355 61 8526 331 35 8505 326
MONTH NUMBER MILK FAT  JANUARY 175 11228 456 FEBRUARY 152 11084 446 MARCH 107 11144 451  APRIL 108 10824 436 MAY 96 10106 400 JUNE 89 10609 429  JULY 129 10052 406 AUGUST 136 9777 402 SEPTEMBER 192 10226 421  OCTOBER 181 10490 436 NOVEMBER 232 11072 455 OECEMBER 184 10736 438  YEAR AV. 1781 10645 434	NON-REGISTEREO NUMBER MILK FAT  19 11299 456 17 12552 497 12 10414 430 30 10806 414 30 11320 436 34 11308 430 43 10160 399 54 10579 426 72 10932 411 81 11252 444 85 11259 451 88 11672 443 565 11136 434  REO OANE	NUMBER MILK FAT  194 11235 456 169 11231 451 119 11070 449  138 10820 431 126 10395 409 123 10802 430  172 10079 405 190 10005 409 264 10418 418 262 10725 439 317 11122 454 272 11039 439 2346 10763 434	NUMBER MILK FA' 31 9794 37: 25 9247 34: 24 9100 33: 20 9851 36: 12 8466 32: 23 9277 35: 23 7710 29: 41 7710 30: 58 7296 27: 39 9138 35: 56 8366 32: 33 8528 32:	NON-REGISTEREO NUMBER MILK FAT 1 9340 371 1 11450 408 2 9365 362 5 11448 420 3 8543 330 5 9796 403 3 9647 366 6 2 9405 305 5 10318 368 2 8140 319 29 9896 372	NUMBER MILK FAT 32 9780 379 25 9247 347 25 9194 336 22 9807 368 12 8466 327 28 9665 366 26 7807 300 46 7936 313 61 7412 283 41 9151 355 61 8526 331 35 8505 326 414 8636 331
MONTH NUMBER MILK FAT  JANUARY 175 11228 456 FEBRUARY 175 11228 456 FEBRUARY 107 11144 451  APRIL 108 10824 436 MAY 96 10106 400 JUNE 89 10609 429  JULY 129 10052 406 AUGUST 136 9777 402 SEPTEMBER 192 10226 421  OCTOBER 181 10490 436 NOVEMBER 232 11072 455 OECEMBER 184 10736 438  YEAR AV. 1781 10645 434  CALVING REGISTEREO MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT  19 11299 456 17 12552 497 12 10414 430 30 10806 414 30 11320 436 34 11308 430 43 10160 399 54 10579 426 72 10932 411 81 11252 444 85 11259 451 88 11672 443 565 11136 434  REO OANE NON-REGISTEREO	NUMBER MILK FAT  194 11235 456 169 11231 451 119 11070 449  138 10820 431 126 10395 409 123 10802 430  172 10079 405 190 10005 409 264 10418 418  262 10725 439 317 11122 454 272 11039 439	NUMBER MILK FA'  31 9794 37: 25 9247 34: 24 9100 33: 20 9851 36: 12 8466 32: 23 9277 35: 23 7710 29: 41 7710 30: 58 7296 27: 39 9138 35: 56 8366 32: 33 8528 32: 385 8541 32:	NON-REGISTEREO NUMBER MILK FAT 1 9340 371 1 11450 408 2 9365 362 5 11448 420 3 8543 330 5 9796 403 3 9647 366 7 2 9405 305 5 10318 368 2 8140 319 29 9896 372	NUMBER MILK FAT  32 9780 379 25 9247 347 25 9194 336 22 9807 368 12 8466 327 28 9665 366 26 7807 300 46 7936 313 61 7412 283 41 9151 283 41 9151 355 61 8526 331 35 8505 326 414 8636 331
MONTH NUMBER MILK FAT  JANUARY 175 11228 456 FEBRUARY 175 11228 456 FEBRUARY 152 11004 446 MARCH 107 11144 451  APRIL 108 10824 436 MAY 96 10106 400 JUNE 89 10609 429  JULY 129 10052 406 AUGUST 136 9777 402 SEPTEMBER 192 10226 421  OCTOGER 181 10490 436 NOVEMBER 232 11072 455 OECEMBER 184 10736 438  YEAR AV. 1781 10645 434  CALVING NUMBER MILK FAT  JANUARY FEBRUARY MARCH	NON-REGISTEREO NUMBER MILK FAT  19 11299 456 17 12552 497 12 10414 430 30 10806 414 30 11320 436 34 11308 430 43 10160 399 54 10579 426 72 10932 411 81 11252 444 85 11259 451 88 11672 443 565 11136 434  REO OANE NON-REGISTEREO	NUMBER MILK FAT  194 11235 456 169 11231 451 119 11070 449  138 10820 431 126 10395 409 123 10802 430 172 10079 405 190 10005 409 264 10418 418 262 10725 439 317 11122 454 272 11039 439 2346 10763 434	NUMBER MILK FA'  31 9794 37: 25 9247 34: 24 9100 33: 20 9851 36: 12 8466 32: 23 9277 35: 23 7710 29: 41 7710 30: 58 7296 27: 39 9138 35: 56 8366 32: 33 8528 32: 385 8541 32:	NON-REGISTEREO NUMBER MILK FAT 1 9340 371 1 11450 408 2 9365 362 5 11448 420 3 8543 330 5 9796 403 3 9647 366 2 9405 305 5 10318 368 7 2 8140 319 3 99896 372 REO POLL NON-REGISTEREO	NUMBER MILK FAT  32 9780 379 25 9247 347 25 9194 336 22 9807 368 12 8466 327 28 9665 366 26 7807 300 46 7936 313 61 7412 283 41 9151 283 41 9151 355 61 8526 331 35 8505 326 414 8636 331
MONTH NUMBER MILK FAT  JANUARY 175 11228 456 FEBRUARY 175 11228 456 FEBRUARY 175 11228 456 FEBRUARY 107 11144 451  APRIL 108 10824 436 MAY 96 10106 400 JUNE 89 10609 429  JULY 129 10052 406 AUGUST 136 9777 402 SEPTEMBER 192 10226 421  OCTOBER 181 10490 436 NOVEMBER 232 11072 455 OECEMBER 184 10736 438  YEAR AV. 1781 10645 434  CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY FEBRUARY	NON-REGISTEREO NUMBER MILK FAT  19 11299 456 17 12552 497 12 10414 430 30 10806 414 30 11320 436 34 11308 430 43 10160 399 54 10579 426 72 10932 411 81 11252 444 85 11259 451 88 11672 443 565 11136 434  REO OANE NON-REGISTEREO	NUMBER MILK FAT  194 11235 456 169 11231 451 119 11070 449  138 10820 431 126 10395 409 123 10802 430 172 10079 405 190 10005 409 264 10418 418 262 10725 439 317 11122 454 272 11039 439 2346 10763 434	NUMBER MILK FA'  31 9794 37: 25 9247 34: 24 9100 33: 20 9851 36: 12 8466 32: 23 9277 35: 23 7710 29: 41 7710 30: 58 7296 27: 39 9138 35: 56 8366 32: 33 8528 32: 385 8541 32:	NON-REGISTEREO NUMBER MILK FAT 1 9340 371 1 11450 408 2 9365 362 5 11448 420 3 8543 330 5 9796 403 3 9647 366 7 2 9405 305 7 10318 368 2 8140 319 29 9896 372  REO POLL NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT  32 9780 379 25 9247 347 25 9194 336 22 9807 368 12 8466 327 28 9665 366 26 7807 300 46 7936 313 61 7412 283 41 9151 335 35 8505 326 414 8636 331
MONTH NUMBER MILK FAT  JANUARY 175 11228 456 FEBRUARY 175 11284 446 MARCH 107 11144 451  APRIL 108 10824 436 MAY 96 10106 400 JUNE 89 10609 429  JULY 129 10052 406 AUGUST 136 9777 402 SEPTEMBER 192 10226 421  OCTOBER 181 10490 436 NOVEMBER 232 11072 455 OECEMBER 104 10736 438  YEAR AV. 1781 10645 434  CALVING REGISTEREO MONTH NUMBER MILK FAT JANUARY FEBRUARY MARCH  APRIL MAY	NON-REGISTEREO NUMBER MILK FAT  19 11299 456 17 12552 497 12 10414 430 30 10806 414 30 11320 436 34 11308 430 43 10160 399 54 10579 426 72 10932 411 81 11252 444 85 11259 451 88 11672 443 565 11136 434  REO OANE NON-REGISTEREO	NUMBER MILK FAT  194 11235 456 169 11231 451 119 11070 449  138 10820 431 126 10395 409 123 10802 430 172 10079 405 190 10005 409 264 10418 418 262 10725 439 317 11122 454 272 11039 439 2346 10763 434	NUMBER MILK FA'  31 9794 37: 25 9247 34: 24 9100 33: 20 9851 36: 12 8466 32: 23 9277 35: 23 7710 29: 41 7710 30: 58 7296 27: 39 9138 35: 56 8366 32: 33 8528 32: 385 8541 32:  REGISTEREO NUMBER MILK FA'	NON-REGISTEREO NUMBER MILK FAT 1 9340 371 1 11450 408 2 9365 362 5 11448 420 3 8543 330 5 9756 403 3 9647 366 7 2 9405 305 5 10318 368 2 8140 319 29 9896 372  REO POLL NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT  32 9780 379 25 9247 347 25 9194 336 22 9807 368 12 8466 327 28 9655 366 26 7807 300 46 7936 313 61 7412 283 41 9151 355 61 8526 331 35 8505 326 414 8636 331  ALL  NUMBER MILK FAT
MONTH NUMBER MILK FAT  JANUARY 175 11228 456 FEBRUARY 175 1128 456 FEBRUARY 175 11084 446 MARCH 107 11144 451  APRIL 108 10824 436 MAY 96 10106 400 JUNE 89 10609 429  JULY 129 10052 406 AUGUST 136 9777 402 SEPTEMBER 192 10226 421  OCTOBER 181 10490 436 NOVEMBER 232 11072 455 OECEMBER 184 10736 438  YEAR AV. 1781 10645 434  CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY FEBRUARY MARCH  APRIL MAY JUNE JULY AUGUST	NON-REGISTEREO NUMBER MILK FAT  19 11299 456 17 12552 497 12 10414 430 30 10806 414 30 11320 436 34 11308 430 43 10160 399 54 10579 426 72 10932 411 81 11252 444 85 11259 451 88 11672 443 565 11136 434  REO OANE NON-REGISTEREO	NUMBER MILK FAT  194 11235 456 169 11231 451 119 11070 449  138 10820 431 126 10395 409 123 10802 430 172 10079 405 190 10005 409 264 10418 418 262 10725 439 317 11122 454 272 11039 439 2346 10763 434	NUMBER MILK FA'  31 974 37: 25 9247 34: 24 9100 33: 20 9851 36: 12 8466 32: 23 9777 35: 23 7710 29: 41 7710 30: 58 7296 27: 39 9138 35: 56 8366 32: 33 8528 32: 385 8541 32:  REGISTEREO NUMBER MILK FA'  2 6160 24: 3 6350 29: 4 6675 27: 2 590 26 3 5073 200	NON-REGISTEREO NUMBER MILK FAT 1 9340 371 1 11450 408 2 9365 362 5 11448 420 3 8543 330 5 9796 403 3 9647 366 7 2 9405 305 5 10318 368 7 2 9405 372  REO POLL NON-REGISTEREO NUMBER MILK FAT 4 7880 302 8 8948 361	NUMBER MILK FAT  32 9780 379 25 9247 347 25 9194 336 22 9807 368 12 8466 327 28 9655 366 26 7807 300 46 7936 313 61 7412 283 41 9151 355 61 8526 331 35 8505 326 414 8636 331  NUMBER MILK FAT  2 6160 244 3 6350 295 8 7278 289 10 8342 341 3 5073 209

MISSOURI 43

OCTOBER NOVEMBER OECEMBER YEAR AV.

CALVING REGISTEREO	AYRSHIRE NON-REGISTEREO	A11	DECISTEDED	GUERNSEY	
MONTH NUMBER MILK FAT		NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT		
JANUARY FEBRUARY 1 11360 429 MARCH	1 21380 705	2 16370 567	72 8904 425 89 8425 407 106 8639 413	14 10594 412 30 8547 382 26 10264 425	86 9179 423 119 8456 401 132 8959 416
APRIL 1 8640 310 MAY 2 9180 374	1 10750 417	2 9695 364 2 9180 374	86 8957 424 67 9052 438	16 11196 470 16 9982 422	102 9308 431 83 9231 435
JUNE 2 7815 309	1 10820 357	3 8817 325	61 8617 417	19 10621 481	80 9093 432
JULY 1 8680 288 AUGUST 1 8600 363 SEPTEMBER		1 8680 288 1 8600 363	83 7981 379 98 8221 400 112 8627 428	38 10084 414 43 10625 447 47 9495 403	121 8642 390 141 8954 414 159 8883 421
OCTOBER NOVEMBER OECEMBER	1 10650 398	1 10650 398	72 9024 436 82 9161 454 73 8927 427	38 10213 424 23 10894 458 36 10638 463	110 9435 432 105 9541 455 109 9492 439
YEAR AV. 8 8909 344	4 13400 469	12 10406 386	1001 8687 420	346 10174 430	1347 9069 423
	HOLSTEIN			JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT
JANUARY 175 12466 454 FEBRUARY 150 12807 475 MARCH 137 13217 483	127 11642 440 99 11616 445 93 11960 456	302 12120 448 249 12333 463 230 12709 472	76 8329 439 84 8432 449 90 8405 436	7 8536 426 11 9483 437 14 9415 462	83 8347 438 95 8554 448 104 8541 440
APRIL 94 12814 470 MAY 99 12892 463	98 12153 460 106 11938 456	192 12477 465 205 12399 459	70 8332 429 58 8272 422	16 9027 425 10 9731 423	86 8461 429 68 8487 423
JUNE 91 12322 454	116 11341 435	207 11772 443	51 7856 416	9 8552 409	60 7960 415
JULY 159 12018 441 AUGU5T 242 12120 448 SEPTEMBER 229 12395 464	218 11257 431 357 11393 434 393 11444 443	377 11578 435 599 11687 440 622 11794 451	59 7764 409 67 7506 400 84 7871 425	18 8031 377 25 9125 414 28 8767 397	77 7826 402 92 7946 404 112 8095 418
OCTOBER 173 13052 488 NOVEMBER 159 13274 492 OECEMBER 143 13257 486	343 11589 452 257 11984 458 283 11579 443	516 12080 464 416 12477 471 426 12142 457	74 7562 414 48 7741 412 61 8234 437	27 8218 395 23 8418 393 13 9981 416	101 7738 409 71 7960 406 74 8541 434
YEAR AV. 1851 12675 467	2490 11592 445	4341 12054 454	822 8050 426	201 8846 410	1023 8206 423
	BROWN 5WIS5			M. SHORTHORN	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 19 11527 456 FEBRUARY 19 10468 413	5 9102 377 2 9145 382	24 11022 439 21 10342 410	4 7693 321 8 9748 361	1 11270 417 2 9625 351	5 8408 340 10 9723 359
FEBRUARY 19 10468 413 MARCH 17 11028 453 APRIL 20 11032 444	2 9145 382 3 10497 461 2 16615 621	24 11022 439 21 10342 410 20 10948 454 22 11539 460	8 9748 361 3 9970 378 6 9780 355	2 9625 351 1 9080 421	10 9723 359 3 9970 378 7 9680 365
FEBRUARY 19 10468 413 MARCH 17 11028 453	2 9145 382 3 10497 461 2 16615 621 2 11095 487 3 15743 606	24 11022 439 21 10342 410 20 10948 454	8 9748 361 3 9970 378	2 9625 351	10 9723 359 3 9970 378
FEBRUARY 19 10468 413 MARCH 17 11028 453 APRIL 20 11032 444 MAY 15 10567 412	2 9145 382 3 10497 461 2 16615 621 2 11095 487	24 11022 439 21 10342 410 20 10948 454 22 11539 460 17 10629 421	8 9748 361 3 9970 378 6 9780 355 1 10510 407	2 9625 351 1 9080 421 2 10125 408	10 9723 359 3 9970 378 7 9680 365 3 10253 408
FEBRUARY 19 10468 413 MARCH 17 11028 453 APRIL 20 11032 444 MAY 15 10567 412 JUNE 6 9700 394 JULY 12 10083 408 AUGUST 23 10597 422 SEPTEMBER 21 10765 428 OCTOBER 0 9958 385 NOVEMBER 12 11368 445	2 9145 382 3 10497 461 2 16615 621 2 11095 487 3 15743 606 1 14940 553 9 10448 434 8 13480 521 4 11165 414 3 9697 406	24 11022 439 21 10342 410 20 10948 454 22 11539 460 17 10629 421 9 11714 465 13 10456 419 32 10555 426 29 11514 454 10 10441 397 15 11034 437	8 9748 361 3 9970 378 6 9780 355 1 10510 407 5 10150 399 3 10717 426 9 8438 340 5 8366 353 5 8516 341 4 7843 317	2 9625 351 1 9080 421 2 10125 408 1 7420 282 1 8750 338 1 12760 494 2 8750 371 5 9360 362	10 9723 359 3 9970 378 7 9680 365 3 10253 408 6 9695 379 4 10225 404 10 8870 355 5 8366 353 7 8583 349 9 8686 342
FEBRUARY 19 10468 413 MARCH 17 11028 453  APRIL 20 11032 444 MAY 15 10567 412 JUNE 6 9700 394  JULY 12 10083 408 AUGUST 23 10597 422  SEPTEMBER 21 10765 428  OCTOBER 6 9958 385	2 9145 382 3 10497 461 2 16615 621 2 11095 487 3 15743 606 1 14940 553 9 10448 434 8 13460 521 4 11165 414	24 11022 439 21 10342 410 20 10948 454 22 11539 460 17 10629 421 9 11714 465 13 10456 419 32 10555 426 29 11514 454	8 97-8 361 3 9970 378 6 9780 355 1 10510 407 5 10150 399 3 10717 426 9 8438 340 5 8366 353 5 8516 341	2 9625 351 1 9080 421 2 10125 408 1 7420 282 1 8750 338 1 12760 494 2 8750 371	10 9723 359 3 9970 378 7 9680 365 3 10253 408 6 9695 379 4 10225 404 10 8870 355 5 8366 353 7 8583 349
FEBRUARY 19 10468 413 MARCH 17 11028 453 APRIL 20 11032 444 MAY 15 10567 412 JUNE 6 9700 394 JULY 12 10083 408 AUGUST 23 10597 428 SEPTEMBER 21 10765 428 OCTOBER NOVEMBER 12 11368 445 OECEMBER 14 11036 449	2 9145 382 3 10497 461 2 16615 621 2 11095 487 3 15743 606 1 14940 553 9 10448 434 8 13460 521 4 11165 414 3 9697 406 8 12678 485	24 11022 439 21 10342 410 20 10948 454 22 11539 460 17 10629 421 9 11714 465 13 10456 419 32 10555 426 29 11514 454 10 10441 397 15 11034 437 22 11633 462	8 9748 361 3 9970 378 6 9780 355 1 10510 407 5 10150 399 3 10717 426 9 8438 340 5 8366 353 5 8516 341 4 7843 317 6 10857 430	2 9625 351 1 9080 421 2 10125 408 1 7420 282 1 8750 338 1 12760 494 2 8750 371 5 9360 362 1 8790 481	10 9723 359 3 9970 378 7 9680 365 3 10253 408 6 9695 379 4 10225 404 10 8870 355 5 8366 353 7 8583 349 9 8686 342 7 10561 437
FEBRUARY 19 10468 413 MARCH 17 11028 453 APRIL 20 11032 444 MAY 15 10567 412 JUNE 6 9700 394 JULY 12 10083 408 AUGUST 23 10597 428 SEPTEMBER 21 10765 428 OCTOBER NOVEMBER 12 11368 445 OECEMBER 14 11036 449	2 9145 382 3 10497 461 2 16615 621 2 11095 487 3 15743 606 1 14940 553 9 10448 434 8 13460 521 4 11165 414 3 9697 406 8 12678 485	24 11022 439 21 10342 410 20 10948 454 22 11539 460 17 10629 421 9 11714 465 13 10456 419 32 10555 426 29 11514 454 10 10441 397 15 11034 437 22 11633 462	8 9748 361 3 9970 378 6 9780 355 1 10510 407 5 10150 399 3 10717 426 9 8438 340 5 8366 353 5 8516 341 4 7843 317 6 10857 430	2 9625 351 1 9080 421 2 10125 408 1 7420 282 1 8750 338 1 12760 494 2 8750 371 5 9360 362 1 8790 481	10 9723 359 3 9970 378 7 9680 365 3 10253 408 6 9695 379 4 10225 404 10 8870 355 5 8366 353 7 8583 349 9 8686 342 7 10561 437
FEBRUARY 19 10468 413 MARCH 17 11028 453 APRIL 20 11032 444 MAY 15 10567 412 JUNE 6 9700 394 JULY 12 10083 408 AUGUST 23 10597 422 5EPTEMBER 21 10765 428 OCTOBER 12 11368 445 OECEMBER 12 11368 445 OECEMBER 12 11368 445 OECEMBER 14 11036 449 YEAR AV. 184 10783 430 CALVING REGISTEREO	2 9145 382 3 10497 461 2 16615 621 2 11095 487 3 15743 606 1 14940 553 9 10448 434 8 13480 521 4 11165 414 3 9697 406 8 12678 485 50 11798 469	24 11022 439 21 10342 410 20 10948 454 22 11539 460 17 10629 421 9 11714 465 13 10456 419 32 10555 426 29 11514 454 10 10441 397 15 11034 437 22 11633 462 234 11000 439	8 9748 361 3 9970 378 6 9780 355 1 10510 407 5 10150 399 3 10717 426 9 8438 340 5 8366 353 5 8516 341 4 7843 317 6 10857 430 59 9282 364	2 9625 351  1 9080 421 2 10125 408 1 7420 282 1 8750 338 1 12760 494  2 8750 371 5 9360 362 1 8790 481 17 9522 383	10 9723 359 3 9970 378 7 9680 365 3 10253 408 6 9695 379 4 10225 404 10 8870 355 5 8366 353 7 8583 349 9 8686 342 7 10561 437 76 9335 368
FEBRUARY 19 10468 413 MARCH 17 11028 453 APRIL 20 11032 444 MAY 15 10567 412 JUNE 6 9700 394 JULY 12 10083 408 AUGUST 23 10597 422 5EPTEMBER 21 10765 428 OCTOBER 12 11368 445 OECEMBER 12 11368 445 OECEMBER 12 11368 445 OECEMBER 14 11036 449 YEAR AV. 184 10783 430 CALVING REGISTEREO	2 9145 382 3 10497 461 2 16615 621 2 11095 487 3 15743 606 1 14940 553 9 10448 434 8 13480 521 4 11165 414 3 9697 406 8 12678 485 50 11798 469 REO OANE	24 11022 439 21 10342 410 20 10948 454 22 11539 460 17 10629 421 9 11714 465 13 10456 419 32 10555 426 29 11514 454 10 10441 397 15 11034 437 22 11633 462 234 11000 439	8 9748 361 3 9970 378 6 9780 355 1 10510 407 5 10150 399 3 10717 426 9 8438 340 5 8366 353 5 8516 341 4 7843 317 6 10857 430 59 9282 364	2 9625 351  1 9080 421 2 10125 408 1 7420 282 1 8750 338 1 12760 494  2 8750 371 5 9360 362 1 8790 481 17 9522 383  RED POLL NON-REGISTEREO	10 9723 359 3 9970 378 7 9680 365 3 10253 408 6 9695 379 4 10225 404 10 8870 355 5 8366 353 7 8583 349 9 8686 342 7 10561 437 76 9335 368
FEBRUARY 19 10468 413 MARCH 17 11028 453 APRIL 20 11032 444 MAY 15 10567 412 JUNE 6 9700 394 JULY 12 10083 408 AUGUST 23 10597 422 SEPTEMBER 21 10765 428 OCTOBER 12 11368 445 OCCEMBER 12 11368 445 OCCEMBER 12 11368 449 YEAR AV. 184 10783 430 CALVING NUMBER MILK FAT JANUARY FEBRUARY MARCH APRIL MAY	2 9145 382 3 10497 461 2 16615 621 2 11095 487 3 15743 606 1 14940 553 9 10448 434 8 13480 521 4 11165 414 3 9697 406 8 12678 485 50 11798 469 REO OANE	24 11022 439 21 10342 410 20 10948 454 22 11539 460 17 10629 421 9 11714 465 13 10456 419 32 10555 426 29 11514 454 10 10441 397 15 11034 437 22 11633 462 234 11000 439	8 9748 361 3 9970 378 6 9780 355 1 10510 407 5 10150 399 3 10717 426 9 8438 340 5 8366 353 5 8516 341 4 7843 317 6 10857 430 59 9282 364	2 9625 351  1 9080 421 2 10125 408 1 7420 282 1 8750 338 1 12760 494  2 8750 371 5 9360 362 1 8790 481 17 9522 383  RED POLL NON-REGISTEREO	10 9723 359 3 9970 378 7 9680 365 3 10253 408 6 9695 379 4 10225 404 10 8870 355 5 8366 353 7 8583 349 9 8686 342 7 10561 437 76 9335 368
FEBRUARY 19 10468 413 MARCH 17 11028 453 APRIL 20 11032 444 MAY 15 10567 412 JUNE 6 9700 394  JULY 12 10083 408 AUGUST 23 10597 422 SEPTEMBER 21 10765 428 OCTOBER 6 9958 385 NOVEMBER 12 11368 445 OECEMBER 14 11036 449  YEAR AV. 184 10783 430  CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY FEBRUARY MARCH APRIL	2 9145 382 3 10497 461 2 16615 621 2 11095 487 3 15743 606 1 14940 553 9 10448 434 8 13480 521 4 11165 414 3 9697 406 8 12678 485 50 11798 469 REO OANE	24 11022 439 21 10342 410 20 10948 454 22 11539 460 17 10629 421 9 11714 465 13 10456 419 32 10555 426 29 11514 454 10 10441 397 15 11034 437 22 11633 462 234 11000 439	8 9748 361 3 9970 378 6 9780 355 1 10510 407 5 10150 399 3 10717 426 9 8438 340 5 8366 353 5 8516 341 4 7843 317 6 10857 430 59 9282 364	2 9625 351  1 9080 421 2 10125 408 1 7420 282 1 8750 338 1 12760 494  2 8750 371 5 9360 362 1 8790 481 17 9522 383  RED POLL NON-REGISTEREO	10 9723 359 3 9970 378 7 9680 365 3 10253 408 6 9695 379 4 10225 404 10 8870 355 5 8366 353 7 8583 349 9 8686 342 7 10561 437 76 9335 368

NORTH OAKOTA 45

		AYRSHIRE			GUERNSEY	
CALVING R MONTH NUMB	EGISTEREO ER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH		1 7890 339	1 7890 339	10 7813 366 7 8203 393 5 9790 454	23 8204 375 14 8445 352 10 9832 384	33 8085 373 21 8364 366 15 9818 407
APRIL MAY JUNE	1 3340 124	1 8430 345	1 8430 345 1 3340 124	4 8645 379 1 8800 466 3 8993 454	9 10932 433 7 11631 441 8 9428 398	13 10228 416 8 11278 444 11 9309 413
JULY AUGUST SEPTEMBER		4 12783 460 4 11635 434	4 12783 460 4 11635 434	7 8176 388 4 7973 409 2 9845 454	12 10141 382 13 10158 400 28 11179 425	19 9417 384 17 9644 402 30 11090 427
OCTOBER NOVEMBER OECEMBER	1 9280 336	3 12433 407 3 12453 439	1 9280 336 3 12433 407 3 12453 439	8 8976 439 8 9894 493 5 9746 450	26 10759 416 25 12022 458 26 11020 432	34 10340 421 33 11506 466 31 10814 435
YEAR AV.	2 6310 230	16 11791 425	18 11182 403	64 8803 422	201 10418 412	265 10028 414
		HOLSTEIN			JERSEY	
	EGISTERED ER MILK FAI	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
FEBRUARY	67 12632 461 41 13212 477 41 12497 465	88 11363 419	175 11995 440 129 11951 437 111 12064 449	2 7250 345 2 7880 440 2 7905 411	1 9610 493 1 7510 415	2 7250 345 3 8457 457 3 7773 412
APRIL MAY	31 12325 451 37 12471 450 29 12903 468	79 12084 449 61 11471 409	110 12152 450 98 11848 424 121 11745 431	2 6200 360	5 6834 347 1 7310 426 2 10140 369	7 6653 350 1 7310 426 2 10140 369
JULY AUGUST	46 12355 458 64 11916 442 60 12083 443	147 10943 404 159 11025 401	193 11280 417 223 11280 413 329 11634 431		4 9203 377 6 10578 363 6 11600 425	4 9203 377 6 10578 363 6 11600 425
OCTOBER NOVEMBER	62 14175 520 63 12611 462 76 13312 490	255 12320 460 219 11971 443	317 12683 471 282 12114 447 293 12246 455	1 5730 357 1 7590 356	7 8581 383 3 10460 433 5 8960 378	8 8225 380 4 9743 414 5 8960 378
	17 12738 467		2381 11946 441	10 7179 382	41 9390 388	51 8957 387
		00000 50155			M CHONTHON	
	EGISTEREO	BROWN SWISS	ALL	REGISTEREO	M. SHORTHORN NON-REGISTEREO	ALL
MONTH NUMS	ER MILK FAT 25 11252 464	NON-REGISTERED NUMBER MILK FAT 1 15870 659	NUMBER MILK FAT 26 11429 471	NUMBER MILK FAT 7 9130 333	NON-REGISTEREO	NUMBER MILK FAT 7 9130 333
MONTH NUMB JANUARY FEBRUARY MARCH	ER MILK FAT 25 11252 464 20 9607 398 12 9889 411	NON-REGISTERED NUMBER MILK FAT 1 15870 659 2 12320 431 3 11583 445	NUMBER MILK FAT 26 11429 471 22 9854 401 15 10228 418	NUMBER MILK FAT 7 9130 333 6 8043 311 9 8360 313	NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT 7 9130 333 6 8043 311 9 8360 313
MONTH NUMB  JANUARY FEBRUARY MARCH  APRIL MAY	ER MILK FAT 25 11252 464 20 9607 398	NON-REGISTERED NUMBER MILK FAT 1 15870 659 2 12320 431 3 11583 445 3 7873 291 1 11100 388	NUMBER MILK FAT 26 11429 471 22 9854 401	NUMBER MILK FAT 7 9130 333 6 8043 311	NON-REGISTEREO	NUMBER MILK FAT 7 9130 333 6 8043 311
MONTH NUMB JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST	ER MILK FAT 25 11252 464 20 9607 396 12 9889 411 20 10326 426 10 8871 365	NON-REGISTEREO NUMBER MILK FAT 1 15870 659 2 12320 431 3 11583 445 3 7873 291 1 11100 388 3 11867 456 3 10093 391 3 11377 426	NUMBER MILK FAT  26 11429 471 22 9854 401 15 10228 418  23 10006 409 11 9074 367	7 9130 333 6 8043 311 9 8360 313 9 6644 272 2 9710 391	NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT  7 9130 333 6 8043 311 9 8360 313  10 6999 284 4 12183 482
MONTH NUMB  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST SEPTEMBER  OCTOBER NOVEMBER	ER MILK FAT 25 11252 464 20 9607 398 12 9889 411 20 10326 426 11 10113 426 10 9944 418 12 9070 388	NON-REGISTERED NUMBER MILK FAT 1 15870 659 2 12320 431 3 11583 445 3 7873 291 1 11100 388 3 11867 456 3 10093 391 3 11377 426 13 10645 416	NUMBER MILK FAT  26 11429 471 22 9854 401 15 10228 418  23 10006 409 11 9074 367 14 10489 432 13 9978 412 15 9531 397	NUMBER MILK FAT 7 9130 333 6 8043 311 9 8360 313 9 6644 272 2 9710 391 4 6510 279 1 9540 324	NON-REGISTEREO NUMBER MILK FAT 1 10190 398 2 14655 574 1 14870 507	NUMBER MILK FAT 7 9130 333 6 8043 311 9 8360 313 10 6999 284 4 12183 482 4 6510 279
MONTH NUMB JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER	ER MILK FAI 25 11252 464 20 9607 396 12 9889 411 20 10326 426 10 8871 365 11 10113 426 10 9944 416 12 9070 386 16 9486 405 18 9012 376 14 9819 397	NON-REGISTERED NUMBER MILK FAT 1 15870 659 2 12320 431 3 11583 445 3 7873 291 1 11100 388 3 11867 456 3 10093 391 3 11377 426 13 10645 416 12 12835 513 5 10604 459 4 11480 420	NUMBER MILK FAT  26 11429 471 22 9854 401 15 10228 418  23 10006 409 11 9074 367 14 10489 432 13 9978 412 15 9531 397 29 10005 410 30 10541 431 19 10025 408	7 9130 333 6 8043 311 9 8360 313 9 6644 272 2 9710 391 4 6510 279 1 9540 324 4 10243 371 10 9371 376 6 9450 370	NON-REGISTEREO NUMBER MILK FAT 1 10190 398 2 14655 574 1 14870 507 2 8700 375 4 9943 403	NUMBER MILK FAT 7 9130 333 6 8043 311 9 8360 313 10 6999 284 4 12183 482 4 6510 279 2 12205 416 6 9728 373 10 9371 376 10 9647 383
MONTH NUMB JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER	ER MILK FAT 25 11252 464 26 11252 469 112 9889 411 20 10326 426 10 8871 365 11 10113 424 10 9944 416 12 9070 381 16 9486 405 18 9012 376 14 9819 39( 15 9256 381	NON-REGISTERED NUMBER MILK FAT 1 15870 659 2 12320 431 3 11583 445 3 7873 291 1 11100 388 3 11867 456 3 10093 391 3 11377 426 13 10645 416 12 12835 513 5 10604 459 4 11480 420	NUMBER MILK FAT  26 11429 471 22 9854 401 15 10228 418  23 10006 409 11 9074 367 14 10489 432 13 9978 412 15 9531 397 29 10005 410 30 10541 431 19 10025 408 19 9724 389	7 9130 333 6 8043 311 9 8360 313 9 6644 272 2 9710 391 4 6510 279 1 9540 324 4 10243 371 10 9371 376 6 9450 370 10 9299 354	NON-REGISTEREO NUMBER MILK FAT 1 10190 398 2 14655 574 1 14870 507 2 8700 375 4 9943 403 2 8935 422	NUMBER MILK FAT 7 9130 333 6 8043 311 9 8360 313 10 6999 284 4 12183 482 4 6510 279 2 12205 416 6 9728 373 10 9371 376 10 9647 383 12 9238 365
MONTH NUMB JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST SEPTEMBER  OCTOBER NOVEMBER DECEMBER YEAR AV. 1	ER MILK FAT 25 11252 464 27 9889 411 20 10326 426 10 8871 365 11 10113 424 10 9944 416 12 9070 381 16 9486 409 18 9012 376 14 9819 39( 15 9256 381 83 9820 408	NON-REGISTERED NUMBER MILK FAT  1 15870 659 2 12320 431 3 11583 445 45 46 45 46 46 46 46 46 46 46 46 46 46 46 46 46	NUMBER MILK FAT  26 11429 471 22 9854 401 15 10228 418  23 10006 409 11 9074 367 14 10489 432 13 9978 412 15 9531 397 29 10005 410 30 10541 431 19 10025 408 19 9724 389 236 10163 416	NUMBER MILK FAT 7 9130 333 6 8043 311 9 8360 313 9 6644 272 2 9710 391 4 6510 279 1 9540 324 4 10243 371 10 9371 376 6 9450 370 10 9299 354 68 8626 334  REGISTERED	NON-REGISTEREO NUMBER MILK FAT  1 10190 398 2 14655 574  1 14870 507 2 8700 375  4 9943 403 2 8935 422 12 10784 438  RED POLL NON-REGISTEREO	NUMBER MILK FAT 7 9130 333 6 8043 311 9 8360 313 10 6999 284 4 12183 482 4 6510 279 2 12205 416 6 9728 373 10 9371 376 10 9647 383 12 9238 365 80 8950 349
MONTH NUMB JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST SEPTEMBER  OCTOBER NOVEMBER DECEMBER YEAR AV. 1	ER MILK FAT 25 11252 464 27 9889 411 20 10326 426 10 8871 365 11 10113 424 10 9944 416 12 9070 381 16 9486 409 18 9012 376 14 9819 39( 15 9256 381 83 9820 408	NON-REGISTERED NUMBER MILK FAT  1 15870 659 2 12320 431 3 11583 445 3 7873 291 1 11100 388 3 11867 456 3 10093 391 3 11377 426 13 10645 416 12 12835 513 5 10604 459 4 11480 420 53 11346 443	NUMBER MILK FAT  26 11429 471 22 9854 401 15 10228 418  23 10006 409 11 9074 367 14 10489 432 13 9978 412 15 9531 397 29 10005 410 30 10541 431 19 10025 408 19 9724 389 236 10163 416	NUMBER MILK FAT 7 9130 333 6 8043 311 9 8360 313 9 6644 272 2 9710 391 4 6510 279 1 9540 324 4 10243 371 10 9371 376 6 9450 370 10 9299 354 68 8626 334  REGISTERED	NON-REGISTEREO NUMBER MILK FAT  1 10190 398 2 14655 574  1 14870 507 2 8700 375  4 9943 403 2 8935 422  12 10784 438  RED POLL	NUMBER MILK FAT 7 9130 333 6 8043 311 9 8360 313 10 6999 284 4 12183 482 4 6510 279 2 12205 416 6 9728 373 10 9371 376 10 9647 383 12 9238 365 80 8950 349
MONTH NUMB JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER OCTOBER VEAR AV. L CALVING MONTH NUMB JANUARY FEBRUARY	ER MILK FAT 25 11252 464 27 9889 411 20 10326 426 10 8871 365 11 10113 424 10 9944 416 12 9070 381 16 9486 409 18 9012 376 14 9819 39( 15 9256 381 83 9820 408	NON-REGISTERED NUMBER MILK FAT  1 15870 659 2 12320 431 3 11583 445 45 46 45 46 46 46 46 46 46 46 46 46 46 46 46 46	NUMBER MILK FAT  26 11429 471 22 9854 401 15 10228 418  23 10006 409 11 9074 367 14 10489 432 13 9978 412 15 9531 397 29 10005 410 30 10541 431 19 10025 408 19 9724 389 236 10163 416	NUMBER MILK FAT 7 9130 333 6 8043 311 9 8360 313 9 6644 272 2 9710 391 4 6510 279 1 9540 324 4 10243 371 10 9371 376 6 9450 370 10 9299 354 68 8626 334  REGISTERED	NON-REGISTEREO NUMBER MILK FAT  1 10190 398 2 14655 574  1 14870 507 2 8700 375  4 9943 403 2 8935 422 12 10784 438  RED POLL NON-REGISTEREO	NUMBER MILK FAT 7 9130 333 6 8043 311 9 8360 313 10 6999 284 4 12183 482 4 6510 279 2 12205 416 6 9728 373 10 9371 376 10 9647 383 12 9238 365 80 8950 349
MONTH NUMB JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER OCECEMBER YEAR AV. L  CALVING MONTH NUMB JANUARY FEBRUARY MARCH APRIL MAY	ER MILK FAT 25 11252 464 27 9889 411 20 10326 426 10 8871 365 11 10113 424 10 9944 416 12 9070 381 16 9486 409 18 9012 376 14 9819 39( 15 9256 381 83 9820 408	NON-REGISTERED NUMBER MILK FAT  1 15870 659 2 12320 431 3 11583 445 45 46 45 46 46 46 46 46 46 46 46 46 46 46 46 46	NUMBER MILK FAT  26 11429 471 22 9854 401 15 10228 418  23 10006 409 11 9074 367 14 10489 432 13 9978 412 15 9531 397 29 10005 410 30 10541 431 19 10025 408 19 9724 389 236 10163 416	NUMBER MILK FAT 7 9130 333 6 8043 311 9 8360 313 9 6644 272 2 9710 391 4 6510 279 1 9540 324 4 10243 371 10 9371 376 6 9450 370 10 9299 354 68 8626 334  REGISTERED	NON-REGISTEREO NUMBER MILK FAT  1 10190 398 2 14655 574  1 14870 507 2 8700 375  4 9943 403 2 8935 422 12 10784 438  RED POLL NON-REGISTEREO	NUMBER MILK FAT 7 9130 333 6 8043 311 9 8360 313 10 6999 284 4 12183 482 4 6510 279 2 12205 416 6 9728 373 10 9371 376 10 9647 383 12 9238 365 80 8950 349
MONTH NUMB JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST SEPTEMBER  OCTOBER NOVEMBER OECEMBER VEAR AV. L  CALVING MONTH NUMB JANUARY FEBRUARY MARCH  APRIL MAY JUNE JUNE JUNE JUNE JANUARY J	ER MILK FAT 25 11252 464 27 9889 411 20 10326 426 10 8871 365 11 10113 424 10 9944 416 12 9070 381 16 9486 409 18 9012 376 14 9819 39( 15 9256 381 83 9820 408	NON-REGISTERED NUMBER MILK FAT  1 15870 659 2 12320 431 3 11583 445 45 46 45 46 46 46 46 46 46 46 46 46 46 46 46 46	NUMBER MILK FAT  26 11429 471 22 9854 401 15 10228 418  23 10006 409 11 9074 367 14 10489 432 13 9978 412 15 9531 397 29 10005 410 30 10541 431 19 10025 408 19 9724 389 236 10163 416	NUMBER MILK FAT  7 9130 333 6 8043 311 9 8360 313 9 6644 272 2 9710 391 6 6510 279 1 9540 324 4 10243 371 10 9371 376 6 9450 370 10 9299 354 68 8626 334  REGISTERED NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT  1 10190 398 2 14655 574  1 14870 507 2 8700 375  4 9943 403 2 8935 422 12 10784 438  RED POLL NON-REGISTEREO	NUMBER MILK FAT  7 9130 333 6 8043 311 9 8360 313 10 6999 284 4 12183 482 4 6510 279 2 12205 416 6 9728 373 10 9371 376 10 9647 383 12 9238 365 80 8950 349  ALL NUMBER MILK FAT

SOUTH DAKDTA 46

				,		
		AYRSHIRE			GUERNSLY	
CALVING MONTH NU	REGISTERED JMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMSER MILK FAT
JANUARY FEBRUARY	6 10692 446		6 10692 446	10 8841 397 3 9823 456	1 8410 351 I 15690 612	11 8802 393 4 11290 495
MARCH APRIL	2 12165 454 4 10385 397	1 9640 313	2 12165 454 5 10236 380	7 8190 384 4 8488 413	2 12355 471 2 9025 354	9 9116 403 6 8667 393
MAY SUNE	1 11510 464 3 10443 407		1 11510 464 3 10443 407	6 9127 414 4 8078 384	5 8976 365	11 9058 392 4 8078 384
JULY AUGUST SEPTEMBER	3 9270 369 1 8730 365 6 10257 414		3 9270 369 1 8730 365 6 10257 414	3 7477 352 4 7518 388 6 8922 425	5 9052 366 10 9039 352 10 11465 409	8 8461 361 14 8604 362 16 10511 415
OCTOBER NOVEMBER DECEMBER	6 11557 481 4 10433 440 1 9000 358	1 12860 372	6 11557 481 5 10918 426 1 9000 358	5 8422 375 10 8847 416 8 7733 360	3 I2810 427 3 9850 416 7 11077 405	8 10068 394 13 9078 416 15 9293 383
YEAR AV.	37 10568 427	2 11250 343	39 10603 423	70 8496 397	49 10358 393	119 9263 395
		HOLSTEIN			JEKSEY	
CALVING MONTH NU	REGISTERED UMBER MILK FAT	NDN-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NDN-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FA
JANUARY FEBRUARY	54 13962 489 41 13438 483	46 12381 426 36 12487 433	100 13235 460 77 12993 460	3 9373 455 2 8225 461		3 9373 455 2 8225 46
AARCH April	31 11885 420 26 13067 473	36 12580 423 23 12147 411	67 12259 421 49 12636 444	5 9720 511		5 9720 51
JUNE	29 14276 499 23 12083 419	24 11943 418 25 11078 376	53 13219 463 48 11560 396	1 8670 434 4 7205 370	1 15450 519	2 12060 47 4 7205 370
IULY IUGUST SEPTEMBER	48 11981 413 63 12004 420 69 12695 449	89 11685 406 95 11516 400 144 12174 432	137 11789 408 158 11711 408 213 12343 437	3 8027 440 1 8980 421 2 8380 479	2 11145 402	3 8027 44 3 10423 40 2 6380 47
OCTOBER NOVEMBER DECEMBER	60 13255 470 52 13840 490 54 14174 498	106 12817 439 105 12172 429 102 12844 444	166 12975 450 157 12724 449 156 13304 463	4 7530 434 7 8271 500 5 7546 426	1 13740 465	5 8772 44 7 8271 50 5 7546 42
YEAR AV.	550 13078 461	831 12212 424	1381 12557 439	37 8276 454	4 12870 447	41 8725 454
		BRDWN SWISS			M. SHURTHORN	
CALVING MONTH NU	REGISTEREO	NON-REGISTERED	ALL SAT	REGISTERED	NON-REGISTERED NUMBER MILK FAT	ALL MINES
SANUARY	3 13070 520		3 13070 520	NUMBER MICK PAI	NUNDER PIER PAI	NORDER STER TA
FEBRUARY MARCH	5 10864 445 5 10332 446	1 19640 679	6 12327 484 5 10332 446			
APR 1 L MAY SUNE	10 11450 492	1 7110 300 1 11570 327	11 11055 475			
JULY AUGUST	7 10369 460 6 11858 532		9 [0363 438 10 11922 497			
SEPTEMBER	7 12266 549	3 11703 455	10 12097 521		2 14220 469	2 14220 46
OCTOBER NDVEMBER DECEMBER	10 11283 480 11 13735 598 11 13367 545	5 13074 474 9 11294 462 3 11137 458	15 11880 478 20 12637 537 14 12889 527		1 11330 456 3 11563 412 1 12830 439	1 11330 45 3 11063 41 1 12830 43
EAR AV.	76 12032 517	29 11814 451	105 11972 499		7 12256 438	7 12256 43
		RED DANE			REU POLL	
ALVING MONTH NU	REGISTERED UMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FA
JANUARY FEBRUARY MARCH						
APRIL MAY JUNE						
JULY NUGUST						
SEPTEMBER				1 3640 126		1 3640 12
					1 7330 259	
DCTD8ER NOVEMBER DECEMBER					1 7330 259 2 7520 305	1 7330 25° 2 7520 305

NE BRASKA 47

	AYRSHIRE			GUEKNSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 4 7870 331 FEBRUARY MARCH 1 9690 456	1 9220 322	4 7870 331 2 9455 389	45 8508 408 36 8548 418 47 8887 424	6 8772 364 7 9120 437 10 9443 408	51 8539 403 43 8641 421 57 8984 421
APRIL 1 11860 498 MAY JUNE	4 7800 325 4 8235 318 3 7917 315	5 8612 359 4 8235 318 3 7917 315	39 8592 421 26 8786 433 25 9275 458	10 10260 427 7 7650 332 6 9053 413	49 8932 422 33 8545 411 31 9232 449
JULY 1 7920 352 AUGUST SEPTEMBER 2 6150 255	2 8400 343 6 7615 339	3 8240 346 6 7615 339 2 6150 255	30 8475 419 43 8219 417 58 8866 461	10 7910 343 10 9786 399 25 8350 386	40 8334 400 53 8515 414 83 8710 439
OCTOBER 2 10695 466 NOVEMBER 2 6780 307 OECEMBER	2 7315 295 2 7055 286 3 9703 376	4 9005 380 4 6918 297 3 9703 376	40 8696 439 37 9418 472 45 9076 458	14 8939 406 15 8497 407 21 9661 403	54 8759 430 52 9153 453 66 9262 441
YEAR AV- 13 8323 360	27 8054 327	40 8141 338	471 8769 436	141 8954 395	612 8812 426
	HOLSTEIN			JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAI	ALL NUMBER MILK FAT
JANUARY 90 14109 513 FEBRUARY 62 13645 487 MARCH 73 12377 459	51 11925 412 24 10932 400 25 13046 453	141 13319 476 86 12888 463 98 12547 457	10 9210 498 12 8990 475 5 9368 468		10 9210 498 12 8990 475 5 9368 468
APRIL 80 13455 489 MAY 61 13421 485 JUNE 57 13180 489	45 11501 411	122 12813 464 106 12606 453 137 12290 451	4 11108 573 3 10690 538 6 8258 408	1 11040 359	4 11108 573 4 10778 493 6 8258 408
JULY 108 13209 488 AUGUST 121 12834 481 SEPTEMBER 153 12973 484	129 11401 406 147 11867 437 194 12134 454	237 12225 443 268 12303 457 347 12504 467	4 7425 403 2 7460 387 8 7145 371	1 13950 543 2 6330 257	5 8730 431 2 7460 387 10 6982 348
OCTGBER 136 12906 480 NGVEMBER 110 13598 505 GECEMBER 109 13518 504	223 12100 451 200 11619 429 217 11926 433	359 12405 462 310 12321 456 326 12458 457	3 8457 494 9 8349 448 5 8390 467	3 8330 339 2 11775 388 3 10680 369	6 8393 417 11 8972 437 8 9249 431
YEAR AV. 1160 13237 489	1377 11846 433	2537 12482 459	71 8692 459	12 9853 360	83 8860 444
	BROWN SWISS			M. SHORTHORN	
CALVING REGISTEREU MONIH NUMBER MILK FAT	BROWN SWISS  NON-REGISTERED NUMBER MILK FAT	ALL NUMSER MILK FAT	REGISTERLO Number milk fat	M. SHORTHORN  NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
	NON-REGISTERED NUMBER MILK FAT 2 9195 336 3 6977 261			NON-REGISTERED	
MONIH NUMBER MILK FAT  JANUARY 12 11321 472 FEBRUARY 8 10743 460	NON-REGISTERED NUMBER MILK FAT 2 9195 336 3 6977 261	NUMBER MILK FAT 14 11017 453 11 9715 405	NUMBER MILK FAT 4 7703 294 7 9387 353	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT 4 7703 294 7 9387 353
MONTH NUMBER MILK FAT  JANUARY 12 11321 472 FEBRUARY 8 10743 460 MARCH 14 10861 456  APPRIL 21 10578 436  MAY 7 9936 432	NON-REGISTERED NUMBER MILK FAT 2 9195 336 3 6977 261 1 7940 267 1 11100 421 1 12000 491	NUMBER MILK FAT  14 11017 453 11 9715 405 14 10861 456 21 10578 436 8 9686 411	NUMBER MILK FAT  4 7703 294 7 9387 353 2 6910 265 5 8488 324 13 6941 353	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT  4 7703 294 7 9387 353 2 6910 265  5 8488 324 13 8941 353
MONTH NUMBER MILK FAT  JANUARY 12 11321 472 FEBRUARY 8 10743 460 MARCH 14 10861 456  APRIL 21 10578 436 MAY 7 9936 432 JUNE 5 9072 389  JULY 8 8776 363 AUGUST 24 10444 436	NON-REGISTERED NUMBER MILK FAT  2 9195 336 3 6977 261  1 7940 267  1 11100 421 1 12000 491 3 10207 409 3 14040 538 2 12540 494	NUMBER MILK FAT  14 11017 453 11 9715 405 14 10861 456  21 10578 436 8 9686 411 5 9072 369 9 9034 370 25 10506 438	NUMGER MILN FAT  4 7703 294 7 9387 353 2 6910 265 5 8488 324 13 6941 353 4 8720 302 14 8127 301 7 8039 306 10 7763 294 13 7038 272 8 7675 302	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT  4 7703 294 7 9387 353 2 6910 265 5 8488 324 13 8941 353 4 8720 302 14 8127 301 7 8039 306 10 7763 294 13 7038 272 8 7675 302
MONTH NUMBER MILK FAT  JANUARY 12 11321 472 FEEHUARY 8 10743 460 MARCH 14 10861 456  APRIL 21 10578 436 MAY 7 9936 432 JULY 8 8776 369  JULY 8 8776 369  AUGUST 24 10444 436 SEPTEMBER 13 11623 476  OCTOBER 9 12202 542 ROYEMBER 10 9813 422	NON-REGISTERED NUMBER MILK FAT  2 9195 336 6977 261  1 7940 267  1 11100 421 1 12000 491 3 10207 409 3 14040 538 2 12540 494 3 13917 517	NUMBER MILK FAT  14 11017 453 11 9715 405 14 10861 456  21 10578 436 8 9686 411 5 9072 369 9 9034 370 25 10506 438 16 11358 464 12 12662 541 12 10268 434	NUMGER MILN FAT  4 7703 294 7 9387 353 2 6910 265 5 8488 324 13 6941 353 4 8720 302 14 8127 301 7 8039 306 10 7763 294 13 7038 272 8 7675 302	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT  4 7703 294 7 9387 353 2 6910 265 5 8488 324 13 8941 353 4 8720 302 14 8127 301 7 8039 306 10 7763 294 13 7038 272 8 7675 302
MONTH NUMBER MILK FAT  JANUARY 12 11321 472 FEEHUARY 8 10743 460 MARCH 14 10861 456  APRIL 21 10578 436 MAY 7 9936 432 JUNE 5 9072 389  JULY 8 8776 363 AUGUST 24 10444 436 SEPTEMBER 13 11623 476  OCTOBER 9 12202 542 NOVEMBER 10 9813 422 GECEMBER 15 10947 455	NON-REGISTERED NUMBER MILK FAT  2 9195 336 3 6977 261  1 7940 267  1 11100 421 1 12000 491 3 10207 409 3 14040 538 2 12540 494 3 13917 517  19 11049 422	NUMBER MILK FAT  14 11017 453 11 9715 405 14 10861 456  21 10578 436 8 9686 411 5 9072 369 9 9034 370 25 10506 438 16 11358 464  12 12662 541 12 10268 434 18 11442 466	NUMGER MILN FAT  4 7703 294 7 9387 353 2 6910 265 5 8488 324 13 6941 353 4 8720 302 14 8127 301 7 8039 306 10 7763 294 13 7038 272 8 7675 302 12 8299 313	NON-REGISIERED NUMBER MILK FAT	NUMBER MILK FAT  4 7703 294 7 9387 353 2 6910 265 5 8488 324 13 8941 353 4 8720 302 14 8127 301 7 8039 306 10 7763 294 13 7038 272 8 7675 302 12 8299 313
MONTH NUMBER MILK FAT  JANUARY 12 11321 472 FEERUARY 8 10743 460 MARCH 14 10861 456  APRIL 21 10578 436 MAY 7 9936 432 JUNE 5 9072 389  JULY 8 8776 363 AUGUST 24 10444 436 SEPTEMBER 13 11623 476  OCTOBER 9 12202 542 NOVEMBER 10 9813 422 OCCEMBER 15 10947 455  YEAR AV. 146 10651 448	NON-REGISIERED NUMBER MILK FAT 2 9195 336 3 6977 261  1 7940 267 1 11100 421 1 12000 491 3 10207 409 3 14040 538 2 12540 494 3 13917 517 19 11049 422  RED DANE NON-REGISTEREO	NUMBER MILK FAT  14 11017 453 11 9715 405 14 10861 456  21 10578 436 8 9686 411 5 9072 369 9 9034 370 25 10506 438 16 11358 464 12 12662 541 12 10268 434 18 11442 466  165 10697 445	NUMBER MILK FAT  4 7703 294 7 9387 353 2 6910 265 5 8488 324 13 8941 353 4 8720 302 14 8127 301 7 8039 306 10 7763 294 13 7038 272 8 7675 302 12 8299 313 99 8122 309  REGISTERED	NON-REGISTERED NUMBER MILK FAT  REU POLL NON-REGISTERED	NUMBER MILK FAT 4 7703 294 7 9387 353 2 6910 265 5 8488 324 13 8941 353 4 8720 302 14 8127 301 7 8039 306 10 7763 299 13 7038 272 8 7675 302 12 8299 313 99 8122 309
MONTH NUMBER MILK FAT  JANUARY 12 11321 472 FEERUARY 8 10743 460 MARCH 14 10861 456  APRIL 21 10578 436 MAY 7 9936 432 JUNE 5 9072 389  JULY 8 8776 363 AUGUST 24 10444 436 SEPTEMBER 13 11623 476  OCTOGER 9 12202 542 NCVEMBER 10 9813 422 OECEMBER 10 9813 422 OECEMBER 10 10651 448  CALVING REGISTEREO MUMBER MILK FAT JANUARY FEGRUARY	NON-REGISTERED NUMBER MILK FAT  2 9195 336 3 6977 261  1 7940 267  1 11100 421 1 12000 491 3 10207 409 3 14040 538 2 12540 494 3 13917 517 19 11049 422  RED DANE	NUMBER MILK FAT  14 11017 453 11 9715 405 14 10861 456  21 10578 436 8 9686 411 5 9072 369 9 9034 370 25 10506 438 16 11358 464 12 12662 541 12 10268 434 18 11442 466  165 10697 445	NUMBER MILK FAT  4 7703 294 7 9387 353 2 6910 265 5 8488 324 13 8941 353 4 8720 302 14 8127 301 7 8039 306 10 7763 294 13 7038 272 8 7675 302 12 8299 313 99 8122 309  REGISTERED	NON-REGISIERED NUMBER MILK FAT	NUMBER MILK FAT 4 7703 294 7 9387 353 2 6910 265 5 8488 324 13 8941 353 4 8720 302 14 8127 301 7 8039 306 10 7763 299 13 7038 272 8 7675 302 12 8299 313 99 8122 309
MONTH NUMBER MILK FAT  JANUARY 12 11321 472 FEERUARY 8 10743 460 MARCH 14 10861 456  APRIL 21 10578 436 MAY 7 9936 432 JUNE 5 9072 389  JULY 8 8776 363 AUGUST 24 10444 436 SEPTEMBER 13 11623 476  OCTOBER 9 12202 542 NOVEMBER 10 9813 422 OECEMBER 15 10947 455 YEAR AV. 146 10651 448  CALVING REGISTEREO NUMBER MILK FAT JANUARY	NON-REGISIERED NUMBER MILK FAT 2 9195 336 3 6977 261  1 7940 267 1 11100 421 1 12000 491 3 10207 409 3 14040 538 2 12540 494 3 13917 517 19 11049 422  RED DANE NON-REGISTEREO	NUMBER MILK FAT  14 11017 453 11 9715 405 14 10861 456  21 10578 436 8 9686 411 5 9072 369 9 9034 370 25 10506 438 16 11358 464 12 12662 541 12 10268 434 18 11442 466  165 10697 445	NUMBER MILK FAT  4 7703 294 7 9387 353 2 6910 265 5 8488 324 13 8941 353 4 8720 302 14 8127 301 7 8039 306 10 7763 294 13 7038 272 8 7675 302 12 8299 313 99 8122 309  REGISTERED	NON-REGISTERED NUMBER MILK FAT  REU POLL NON-REGISTERED	NUMBER MILK FAT 4 7703 294 7 9387 353 2 6910 265 5 8488 324 13 8941 353 4 8720 302 14 8127 301 7 8039 306 10 7763 299 13 7038 272 8 7675 302 12 8299 313 99 8122 309
MONTH NUMBER MILK FAT  JANUARY 12 11321 472 FEERUARY 8 10743 400 MARCH 14 10861 456  APRIL 21 10578 436 MAY 7 9936 432 JUNE 5 9072 389  JULY 8 8776 363 AUGUST 24 10444 436 SEPTEMBER 13 11623 476  OCTOBER 9 12202 542 NOVEMBER 10 9813 422 OECEMBER 15 10947 455  YEAR AV. 146 10651 448  CALVING REGISTEREO MONTH NUMBER MILK FAT JANUARY FEBRUARY MARCH  APRIL MAY	NON-REGISIERED NUMBER MILK FAT 2 9195 336 3 6977 261  1 7940 267 1 11100 421 1 12000 491 3 10207 409 3 14040 538 2 12540 494 3 13917 517 19 11049 422  RED DANE NON-REGISTEREO	NUMBER MILK FAT  14 11017 453 11 9715 405 14 10861 456  21 10578 436 8 9686 411 5 9072 369 9 9034 370 25 10506 438 16 11358 464 12 12662 541 12 10268 434 18 11442 466  165 10697 445	NUMBER MILK FAT  4 7703 294 7 9387 353 2 6910 265 5 8488 324 13 8941 353 4 8720 302 14 8127 301 7 8039 306 10 7763 294 13 7038 272 8 7675 302 12 8299 313 99 8122 309  REGISTERED	NON-REGISTERED NUMBER MILK FAT  REU POLL NON-REGISTERED	NUMBER MILK FAT 4 7703 294 7 9387 353 2 6910 265 5 8488 324 13 8941 353 4 8720 302 14 8127 301 7 8039 306 10 7763 299 13 7038 272 8 7675 302 12 8299 313 99 8122 309
MONTH NUMBER MILK FAT  JANUARY 12 11321 472 FEERUARY 8 10743 460 MARCH 14 10861 456  APRIL 21 10578 436 MAY 7 9936 432 JUNE 5 9072 389  JULY 8 8776 363 AUGUST 24 10444 436 SEPTEMBER 13 11623 476  OCTOBER 9 12202 542 NOVEMBER 10 9813 422 OECEMBER 15 10947 455  YEAR AV. 146 10651 448  CALVING REGISTEREO NUMBER MILK FAT  JANUARY FEBRUARY MARCH  APRIL MAY JUNE JULY AUGUST	NON-REGISIERED NUMBER MILK FAT 2 9195 336 3 6977 261  1 7940 267 1 11100 421 1 12000 491 3 10207 409 3 14040 538 2 12540 494 3 13917 517 19 11049 422  RED DANE NON-REGISTEREO	NUMBER MILK FAT  14 11017 453 11 9715 405 14 10861 456  21 10578 436 8 9686 411 5 9072 369 9 9034 370 25 10506 438 16 11358 464 12 12662 541 12 10268 434 18 11442 466  165 10697 445	NUMBER MILK FAT  4 7703 294 7 9387 353 2 6910 265 5 8488 324 13 8941 353 4 8720 302 14 8127 301 7 8039 306 10 7763 294 13 7038 272 8 7675 302 12 8299 313 99 8122 309  REGISTERED	NON-REGISTERED NUMBER MILK FAT  REU POLL NON-REGISTERED	NUMBER MILK FAT 4 7703 294 7 9387 353 2 6910 265 5 8488 324 13 8941 353 4 8720 302 14 8127 301 7 8039 306 10 7763 299 13 7038 272 8 7675 302 12 8299 313 99 8122 309

KANSAS 48

1960 CALVING YEAR

	AYRSHIRE			GUERNSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO	ALL	REGISTEREO	NON-REGISTEREO	ALL
	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT
JANUARY 72 9903 411	3 9230 417	75 9876 411	47 8093 399	18 8949 390	65 8330 397
FEBRUARY 51 10057 400	8 7434 299	59 9701 386	44 8979 442	12 9639 419	56 9121 437
MARCH 52 9918 404	8 10061 371	60 9938 400	59 8573 428	19 9217 366	78 8730 413
APRIL 56 10396 418	9 9093 366	65 10216 411	47 8723 435	13 8862 371	60 8753 421
MAY 33 9539 389	15 11711 448	48 10218 408	47 8389 429	14 9718 367	61 8694 414
JUNE 34 9842 388	23 10054 386	57 9928 387	32 8246 432	17 9953 436	49 8838 434
JULY 86 9423 382	25 10076 383	111 9570 382	56 8243 421	31 10424 404	87 9020 415
AUGUST 98 9240 380	26 9680 385	124 9332 381	52 7659 386	36 8979 388	88 8199 387
SEPTEMBER 117 9507 396	21 9321 349	138 9479 389	50 7538 385	27 10923 444	77 8725 406
OCTOBER 100 9493 404	18 9993 410	118 9569 405	42 8456 449	33 10151 415	75 9202 434
NOVEMBER 70 10076 413	12 10688 437	82 10166 417	55 8676 437	21 9089 387	76 8790 423
OECEMBER 56 10541 437	10 9480 364	66 10380 426	36 9048 454	24 10802 426	60 9749 443
YEAR AV. 825 9753 401	178 9880 386	1003 9776 398	567 8367 423	265 9806 403	832 8826 417
	HOLSTEIN			JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED	ALL	REGISTEREO	NON-REGISTEREO	ALL
	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT
JANUARY 258 12951 474	237 11919 438	495 12457 457	39 8386 443	8 7899 402	47 8303 436
FEBRUARY 207 12911 472	189 12097 446	396 12523 460	43 8462 434	6 7340 376	49 8324 427
MARCH 190 13487 489	222 12085 441	412 12731 463	46 8794 443	11 8434 426	57 8725 439
APRIL 173 13196 478	243 12260 446	416 12649 459	26 8388 420	8 8113 392	34 8323 414
MAY 149 13120 472	271 12015 445	420 12407 455	23 7667 396	9 10704 438	32 8521 408
JUNE 169 12510 457	362 11828 436	531 12045 443	19 7010 372	11 9610 433	30 7963 395
JULY 270 12457 457	573 11556 428	843 11845 437	44 8190 434	20 9346 411	64 8551 427
AUGUST 459 11949 441	1112 11464 428	1571 11606 432	58 7586 407	40 8765 385	98 8067 398
SEPTEMBER 454 12254 453	1086 11480 429	1540 11708 436	44 7315 395	34 9639 404	78 8328 399
OCTOBER 332 12545 466	856 11930 446	1188 12102 451	42 6996 387	24 10531 422	66 8281 399
NOVEMBER 274 12894 476	700 11898 441	974 12178 451	46 7931 436	18 8677 397	64 8141 425
OECEMBER 236 13303 485	557 12110 444	793 12465 456	30 7928 435	23 10127 404	53 8882 421
YEAR AV. 3171 12670 465	6408 11772 436	9579 12069 446	460 7917 419	212 9311 405	672 8357 415
	BROWN SHISS			M. SHORTHORN	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTEREO	ALL NUMBER MILK FAT
JANUARY 19 9822 412	7 10220 448	26 9929 421	12 8588 348		12 8588 348
FEBRUARY 22 10128 429	6 7507 329	28 9566 408	9 8592 349		9 8592 349
MARCH 25 11241 453  APRIL 29 10855 450	6 9682 432 5 8972 399	31 10939 449 34 10578 443	13 7995 305 13 9305 378	1 8750 332	14 8049 307 13 9305 378
MAY 22 10600 442	7 10390 404	29 10550 433	8 8708 323	2 9290 338	8 8708 323
JUNE 16 10874 455	2 8460 373	18 10606 446	10 7753 295		12 8009 302
JULY 34 10570 437	11 8940 380	45 10171 423	23 8121 304	1 13550 550	24 8348 314
AUGUST 38 9316 391	16 11374 477	54 9926 417	25 7020 279	2 10175 342	27 7253 284
SEPTEMBER 49 10453 436	8 10775 470	57 10499 441	24 7081 290	2 11375 493	26 7411 306
OCTOBER 42 9148 394	8 11594 523	50 9540 415	23 7827 303	3 10810 420	26 8171 316
NOVEMBER 22 11008 480	14 11696 506	36 11276 490	10 7499 297	2 8800 352	12 7716 306
OECEMBER 28 11428 480	12 11247 422	40 11374 462	11 7925 321	3 9080 294	14 8173 315
YEAR AV. 346 10360 434	102 10462 443	448 10383 436	181 7883 310	16 10078 379	197 8062 316
	REO DANE			RED POLL	
CALVING REGISTERED	NON-REGISTEREO	ALL	REGISTEREO	NON-REGISTEREO	ALL
MONTH NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	Number milk fat		NUMBER MILK FAT
JANUARY FEBRUARY MARCH					
APRIL MAY					

JUNE

JULY AUGUST SEPTEMBER

OCTOBER NOVEMBER OECEMBER

YEAR AV.

OELAWARE 50

AYRSHIRE	GUERNSEY
CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER MILK FAT
JANUARY 23 9640 383 FEBRUARY 18 9083 355 5 9740 377 23 9226 360 MARCH 24 9301 376 6 9207 361 30 9282 373	42 8304 391 15 9035 400 57 8496 393 49 8879 431 18 7737 346 67 8572 408 40 8257 389 19 8263 375 59 8259 385
APRIL 2 8170 293 1 8820 319 3 8387 301 MAY 14 8320 335 3 9233 348 17 8481 338 JUNE 6 7647 300 5 8200 313 11 7898 306	21 8522 402 4 8135 331 25 8460 391 20 8224 401 3 6647 273 23 8018 384 28 8321 386 15 8639 367 43 8432 379
JULY 19 8553 351 7 7676 307 26 8317 339 AUGUST 20 8247 326 4 8623 335 24 8310 328 SEPTEMBER 22 8960 358 2 11660 424 24 9185 364	29 B533 394 15 9277 383 44 8787 390 46 8066 376 13 7057 300 59 7843 359 56 7922 373 26 B179 341 82 B003 363
OCTOBER 24 933B 381 3 12013 498 27 9635 394 NOVEMBER 16 9059 368 6 766B 331 22 B680 35B DECEMBER 18 9090 362 4 9723 367 22 9205 363	46 8491 410 23 7406 336 69 8129 385 37 9252 423 23 8904 399 60 9119 414 36 8628 399 15 8300 353 51 8531 385
YEAR AV. 206 8953 359 46 8999 353 252 8962 358	450 8436 397 189 8238 358 639 8377 386
HOLSTEIN	JERSEY
CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT
JANUARY 69 12695 466 47 10172 384 116 11673 433 FEBRUARY 59 13528 494 44 10118 383 103 12071 446 MARCH 47 13553 490 45 10670 392 92 12143 442	7 7344 370
APRIL 45 13144 476 52 10748 395 97 11859 432 MAY 45 11930 438 48 9821 365 93 10842 400 JUNE 50 12360 452 62 10058 371 112 11086 407	4 8295 414 2 11220 469 6 9270 432 4 9625 432 4 9625 432 1 7180 383 1 4490 220 2 5835 302
JULY 81 12701 463 114 10352 382 195 11328 415 AUGUST 103 12602 464 132 9833 358 235 11047 404 SEPTEMBER 103 11962 444 142 10183 385 245 10931 410	5 7944 425 3 6803 349 8 7516 396 5 7692 400 7 9100 434 12 8513 420 7 8190 433 11 7407 363 18 7712 390
OCTOBER 103 12311 456 164 10479 399 267 11186 421 NOVEMBER 89 12877 481 131 10585 400 220 11512 433 OECEMBER 65 13299 491 111 10363 389 176 11447 427	6 7605 383 12 8654 417 18 8304 405 11 8503 456 9 7833 395 20 8202 429 7 7837 402 9 8084 363 16 7976 380
YEAR AV. 859 12683 467 1092 10290 385 1951 11344 421	62 8004 417 70 8255 397 132 8137 406
BROWN SWISS	M. SHORTHORN
CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT
JANUARY 1 11780 548 1 11780 548 FEBRUARY ARCH 3 10200 436 3 10200 436	
APRIL	
JULY 1 12620 530 1 12620 530 AUGUST	
SEPTEMBER 4 1009B 414 4 1009B 414	
OCTOBER 1 10050 417 1 10050 417 NOVEMBER 2 10850 453 2 10850 453 OECEMBER 4 10590 451 4 10590 451	
YEAR AV. 18 10655 451 18 10655 451	
RED DANE	
CALVING REGISTERED NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT	RED POLL REGISTEREO NON-REGISTEREO ALL
JANUARY FEBRUARY MARCH	NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT
APRIL MAY JUNE	
JULY AUGUST SEPTEMBER	
OCTOBER November Oecember	

MARYLANO 51

OCTOBER NOVEMBER OECEMBER YEAR AV.

	AYRSHIRE			GUERNSEY	
CALVING REGISTEREO MONTH NUMBER MILK FAT N	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 53 10759 442 FEBRUARY 45 10446 427	3 10163 381 9 10464 399	56 10728 439 54 10449 422	226 8987 437 199 9222 452	72 9555 388 79 9693 398	298 9124 425 278 9356 437
MARCH 53 10206 424 APRIL 37 10005 403	12 10073 399 6 11535 440	65 10182 419 43 10218 408	245 8961 431 145 9017 433	81 10488 421 59 9819 395	326 9341 429 204 9249 422
MAY 42 9492 390 JUNE 48 9224 374	6 9888 349 9 8421 336	48 9541 385 57 9098 368	160 8803 424 169 8763 424	82 9792 394 92 9432 381	242 9138 414 261 8999 409
JULY 65 9004 370 AUGUST 82 8683 355 SEPTEMBER 63 9233 382	14 11299 473 16 9461 378 15 10576 401	79 9411 388 98 8810 359 78 9491 386	252 8283 405 290 7958 396 270 7975 393	142 9335 379 129 9096 372 136 8678 366	394 8662 396 419 8308 388 406 8210 384
OCTOBER 56 9343 395 NOVEMBER 49 9671 400 OECEMBER 38 9866 412	14 11668 466 14 11385 438 16 9705 380	70 9808 409 63 10052 409 54 9818 403	275 8741 430 263 9132 447 206 9324 458	121 9288 382 126 9787 408 92 9488 396	396 8908 415 389 9345 434 298 9375 439
YEAR AV. 631 9578 395	134 10419 408	765 9725 397	2700 8716 426	1211 9465 388	3911 8948 414
	HOLSTE1N			JERSEY	
	NON-REGISTERED	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED	ALL NUMBER MILK FAT
JANUARY 634 12796 472 FEBRUARY 490 12967 481	451 10955 414 449 10734 403	1085 12031 448 939 11899 443	62 7843 402 55 7886 418	7 8151 384 9 10423 436	69 7874 400 64 8243 420
APRIL 274 12710 470	505 10934 413 401 11102 413	878 11751 440 675 11755 436	36 7926 418 39 8454 444	6 11447 455 4 8813 379	42 8429 423 43 8487 438
MAY 313 12533 462 JUNE 394 12284 456	452 11155 418 611 10607 402	765 11719 436 1005 11265 423	15 8159 432 18 7137 367	6 8582 384 10 7991 375	21 8280 418 28 7442 370
JULY 702 12036 449 AUGUST 940 11989 449 SEPTEMBER 980 11875 443	922 10445 397 1054 10210 386 966 10317 393	1624 11133 420 1994 11049 416 1946 11102 418	28 6389 338 47 6818 353 54 6628 350	15 9830 432 21 9460 405 19 8520 360	43 7590 371 68 7634 369 73 7120 352
OCTOBER 889 12429 468 NOVEMBER 841 12747 475 OECEMBER 668 12941 478	922 10662 410 797 10971 420 671 11302 428	1811 11529 438 1638 11883 448 1339 12120 453	67 6969 372 61 7567 394 43 7555 384	13 8882 379 21 9566 413 17 10364 410	80 7280 373 82 8079 399 60 8351 391
YEAR AV. 7498 12440 463	8201 10703 406	15699 11533 433	525 7422 388	148 9370 401	673 7850 391
	BROWN SWISS			M. SHORTHORN	
CALVING REGISTEREO	BROWN SWISS NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED	ALL NUMBER MILK FAT
CALVING REGISTEREO	NON-REGISTERED			NON-REGISTERED	
CALVING REGISTEREO MONTH NUMBER MILK FAT N JANUARY 20 9715 398 FEBRUARY 16 11414 477	NON-REGISTEREO NUMBER MILK FAT 3 12310 477 1 16460 635	NUMBER MILK FAT 23 10053 408 17 11711 486	NUMBER MILK FAT 4 7598 310 4 9330 368	NON-REGISTERED	NUMBER MILK FAT 4 7598 310 4 9330 368
CALVING REGISTEREO MONTH NUMBER MILK FAT N  JANUARY 20 9715 398 FEBRUARY 16 11414 477 MARCH 21 10647 447  APRIL 13 9950 422 MAY 19 9591 397	NON-REGISTEREO NUMBER MILK FAT 3 12310 477 1 16460 635 1 7250 267 3 11150 472 2 10030 387	NUMBER MILK FAT  23 10053 408 17 11711 486 22 10493 439 16 10175 431 21 9632 396	NUMBER MILK FAT  4 7598 310 4 9330 368 1 11510 477  4 8238 317 1 7780 295	NON-REGISTERED	NUMBER MILK FAT 4 7598 310 4 9330 368 1 11510 477 4 8238 317 1 7780 295
CALVING REGISTEREO MONTH NUMBER MILK FAT NUMBE	NON-REGISTERED NUMBER MILK FAT 3 12310 477 1 16460 635 1 7250 267 3 11150 472 2 10030 387 4 12598 454 5 11400 479 5 9752 389 8 11399 447 15 10662 408 12 8858 384	NUMBER MILK FAT  23 10053 408 17 11711 486 22 10493 439  16 10175 431 21 9632 396 23 10369 420 27 10733 452 45 9170 381 28 10139 420  36 10658 428 39 9665 418	NUMBER MILK FAT  4 7598 310 4 9330 368 1 11510 477 4 8238 317 1 7780 295 4 7983 291 5 9128 356 10 6656 278 5 7182 303 6 7645 309 10 7460 304	NON-REGISTEREO NUMBER MILK FAT 1 11180 426 7 11436 455 2 14990 505 6 10652 418	NUMBER MILK FAT  4 7598 310  4 9330 368  1 11510 477  4 8238 317  1 7780 295  4 7983 291  5 9128 356  11 7067 292  12 9663 392  8 9481 358  16 8657 347
CALVING REGISTEREO MONTH NUMBER MILK FAT NUMBE	NON-REGISTERED NUMBER MILK FAT 3 12310 477 1 16460 635 1 7250 267 3 11150 472 2 10030 387 4 12598 454 5 11400 479 5 9752 389 8 11399 447	NUMBER MILK FAT  23 10053 408 17 11711 486 22 10493 439  16 10175 431 21 9632 396 23 10369 420  27 10733 452 45 9170 381 28 10139 420  36 10658 428	NUMBER MILK FAT 4 7598 310 4 9330 368 1 11510 477 4 8238 317 1 7780 295 4 7983 291 5 9128 356 10 6656 278 5 7182 303 6 7645 309	NON-REGISTEREO NUMBER MILK FAT 1 11180 426 7 11436 455 2 14990 505	NUMBER MILK FAT 4 7598 310 4 9330 368 1 11510 477 4 8238 317 1 7780 295 4 7983 291 5 9128 356 11 7067 292 12 9663 392 8 9481 358
CALVING REGISTEREO MONTH NUMBER MILK FAT NUMBER MAN NUMBER MILK FAT NUMBER MIL	NON-REGISTERED NUMBER MILK FAT 3 12310 477 1 16460 635 1 7250 267 3 11150 472 2 10030 387 4 12598 454 5 11400 479 5 9752 389 8 11399 447 15 10662 408 12 8858 384 9 10203 408	NUMBER MILK FAT  23 10053 408 17 11711 486 22 10493 439  16 10175 431 21 9632 396 23 10369 420  27 10733 452 45 9170 381 28 10139 420  36 10658 428 39 9665 418 20 11295 471	NUMBER MILK FAT 4 7598 310 4 9330 368 1 11510 477 4 8238 317 1 7780 295 4 7983 291 5 9128 356 10 6656 278 5 7182 303 6 7645 309 10 7460 304 8 8703 337	NON-REGISTEREO NUMBER MILK FAT 1 11180 426 7 11436 455 2 1490 505 6 10652 418 11 10159 399	NUMBER MILK FAT  4 7598 310  4 9330 368  1 1510 477  4 8238 317  1 7780 295  4 7983 291  5 9128 356  11 7067 292  12 9663 392  8 9481 356  16 8657 347  19 9546 373
CALVING REGISTEREO MONTH NUMBER MILK FAT NUMBER MAN NUMBER MILK FAT NUMBER MIL	NON-REGISTERED NUMBER MILK FAT 3 12310 477 1 16460 635 1 7250 267 3 11150 472 2 10030 387 4 12598 454 5 11400 479 5 9752 389 8 11399 447 15 10662 408 12 8858 384 9 10203 408	NUMBER MILK FAT  23 10053 408 17 11711 486 22 10493 439  16 10175 431 21 9632 396 23 10369 420  27 10733 452 45 9170 381 28 10139 420  36 10658 428 39 9665 418 20 11295 471	NUMBER MILK FAT 4 7598 310 4 9330 368 1 11510 477 4 8238 317 1 7780 295 4 7983 291 5 9128 356 10 6656 278 5 7182 303 6 7645 309 10 7460 304 8 8703 337	NON-REGISTEREO NUMBER MILK FAT 1 11180 426 7 11436 455 2 1490 505 6 10652 418 11 10159 399	NUMBER MILK FAT  4 7598 310  4 9330 368  1 1510 477  4 8238 317  1 7780 295  4 7983 291  5 9128 356  11 7067 292  12 9663 392  8 9481 356  16 8657 347  19 9546 373
CALVING REGISTEREO MONTH NUMBER MILK FAT NUMBER MAY 16 10647 447  APRIL 13 9950 422  MAY 19 9591 397  JULY 22 10582 446  AUGUST 40 9097 380  SEPTEMBER 20 9635 409  OCTOBER 21 10655 442  NOVEMBER 27 10023 433  OCCEMBER 11 12188 523  YEAR AV. 249 10112 425	NON-REGISTERED NUMBER MILK FAT  3 12310 477 1 16460 635 1 7250 267 3 11150 472 2 10030 387 4 12598 454 5 11400 479 5 9752 389 8 11399 447 15 10662 408 12 8858 384 9 10203 408 68 10582 421  REO OANE NON-REGISTEREO	NUMBER MILK FAT  23 10053 408 17 11711 486 22 10493 439 16 10175 431 21 9632 396 23 10369 420 27 10733 452 45 9170 381 28 10139 420 36 10658 428 39 9665 418 20 11295 471 317 10213 424	NUMBER MILK FAT  4 7598 310 4 9330 368 1 11510 477 4 8238 317 1 7780 295 4 7983 291 5 9128 356 10 6556 278 5 7182 303 6 7645 309 10 7460 304 8 8703 337 62 7905 316	NON-REGISTEREO NUMBER MILK FAT 1 11180 426 7 11436 455 2 14990 505 6 10652 418 11 10159 399 27 10995 427	NUMBER MILK FAT  4 7598 310  4 9330 368  1 11510 477  4 8238 317  1 7780 295  4 7983 291  5 9128 356  11 7067 292  12 9663 392  8 9481 358  16 8657 347  19 9546 373  89 8842 349
CALVING REGISTEREO MONTH NUMBER MILK FAT NUMBER MARCH 20 9715 398 499 499 499 499 499 499 499 499 499 4	NON-REGISTERED NUMBER MILK FAT  3 12310 477 1 16460 635 1 7250 267  3 11150 472 2 10030 387 4 12598 454 5 11400 479 5 9752 389 8 11399 447  15 10662 408 12 8858 384 9 10203 408 68 10582 421  REO OANE  NON-REGISTEREO	NUMBER MILK FAT  23 10053 408 17 11711 486 22 10493 439 16 10175 431 21 9632 396 23 10369 420 27 10733 452 45 9170 381 28 10139 420 36 10658 428 39 9665 418 20 11295 471 317 10213 424	NUMBER MILK FAT  4 7598 310 4 9330 368 1 11510 477 4 8238 317 1 7780 295 4 7983 291 5 9128 356 10 6556 278 5 7182 303 6 7645 309 10 7460 304 8 8703 337 62 7905 316	NON-REGISTEREO NUMBER MILK FAT  1 11180 426 7 11436 455 2 14990 505 6 10652 418 11 10159 399 27 10995 427  REO POLL NON-REGISTEREO	NUMBER MILK FAT  4 7598 310  4 9330 368  1 11510 477  4 8238 317  1 7780 295  4 7983 291  5 9128 356  11 7067 292  12 9663 392  8 9481 358  16 8657 347  19 9546 373  89 8842 349
CALVING REGISTEREO MONTH NUMBER MILK FAT NUMBE	NON-REGISTERED NUMBER MILK FAT  3 12310 477 1 16460 635 1 7250 267  3 11150 472 2 10030 387 4 12598 454 5 11400 479 5 9752 389 8 11399 447  15 10662 408 12 8858 384 9 10203 408 68 10582 421  REO OANE  NON-REGISTEREO	NUMBER MILK FAT  23 10053 408 17 11711 486 22 10493 439 16 10175 431 21 9632 396 23 10369 420 27 10733 452 45 9170 381 28 10139 420 36 10658 428 39 9665 418 20 11295 471 317 10213 424	NUMBER MILK FAT  4 7598 310 4 9330 368 1 11510 477 4 8238 317 1 7780 295 4 7983 291 5 9128 356 10 6556 278 5 7182 303 6 7645 309 10 7460 304 8 8703 337 62 7905 316	NON-REGISTEREO NUMBER MILK FAT  1 11180 426 7 11436 455 2 14990 505 6 10652 418 11 10159 399 27 10995 427  REO POLL NON-REGISTEREO	NUMBER MILK FAT  4 7598 310  4 9330 368  1 11510 477  4 8238 317  1 7780 295  4 7983 291  5 9128 356  11 7067 292  12 9663 392  8 9481 358  16 8657 347  19 9546 373  89 8842 349
CALVING REGISTEREO MONTH NUMBER MILK FAT NUMBER MILK MILK MILK MILK MILK MILK MILK MILK	NON-REGISTERED NUMBER MILK FAT  3 12310 477 1 16460 635 1 7250 267  3 11150 472 2 10030 387 4 12598 454 5 11400 479 5 9752 389 8 11399 447  15 10662 408 12 8858 384 9 10203 408 68 10582 421  REO OANE  NON-REGISTEREO	NUMBER MILK FAT  23 10053 408 17 11711 486 22 10493 439 16 10175 431 21 9632 396 23 10369 420 27 10733 452 45 9170 381 28 10139 420 36 10658 428 39 9665 418 20 11295 471 317 10213 424	NUMBER MILK FAT  4 7598 310 4 9330 368 1 11510 477 4 8238 317 1 7780 295 4 7983 291 5 9128 356 10 6556 278 5 7182 303 6 7645 309 10 7460 304 8 8703 337 62 7905 316	NON-REGISTEREO NUMBER MILK FAT  1 11180 426 7 11436 455 2 14990 505 6 10652 418 11 10159 399 27 10995 427  REO POLL NON-REGISTEREO	NUMBER MILK FAT  4 7598 310  4 9330 368  1 11510 477  4 8238 317  1 7780 295  4 7983 291  5 9128 356  11 7067 292  12 9663 392  8 9481 358  16 8657 347  19 9546 373  89 8842 349

VIRGINIA 52

JULY AUGUST SEPTEMBER

OCTOBER NOVEMBER OECEMBER YEAR AV.

	AYRSHIRE			GUERNSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT
JANUARY I5 9629 399 FEBRUARY 23 8979 366 MARCH I9 10153 403	5 10522 407 6 11722 442 15 10619 417	20 9852 401 29 9546 382 34 10359 409	296 9187 444 234 9521 455 225 9440 450	148 9854 405 134 10131 417 174 9760 405	444 9409 431 368 9743 441 399 9579 430
APRIL 22 8047 325 MAY 4 7540 295 JUNE 8 9590 371	10 9755 421 6 11802 421 6 10738 393	32 8581 355 10 10097 371 14 10082 381	211 9082 438 197 9283 443 221 8878 427	153 10438 421 158 9840 399 226 9621 385	364 9652 431 355 9531 423 447 9254 406
JULY 34 8173 327	17 9412 356	51 8586 337	321 8270 408	297 9680 390	618 8948 399
AUGUST 38 8756 364 SEPTEMBER 25 8010 338	31 963I 361 27 8186 317	69 9149 362 52 B102 327	446 8292 405 417 8360 414	450 9486 387 436 9473 386	896 8891 396 853 8929 400
OCTOBER 27 8866 358 NOVEMBER 32 9752 408 OECEMBER 30 9483 385	22 10292 386 II 10774 430 11 11814 447	49 9506 370 43 10013 413 41 10109 402	357 8689 430 295 9387 457 263 9319 446	342 9824 402 279 10079 409 246 10582 416	699 9244 416 574 9724 434 509 9929 431
YEAR AV. 277 8933 365	167 9997 383	444 9333 372	3483 8883 431	3043 9822 399	6526 9321 416
	HOLSTEIN			JERSEA	
CALVING REGISTERED MONTH NUMBER MILK FAT		ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 451 13485 493 FEBRUARY 371 13483 494 MARCH 362 13731 502	667 11758 439 606 11710 439 687 11613 434	1118 12455 461 977 12383 460 1049 12344 458	74 8358 434 70 8510 442 62 8623 446	17 9075 445 10 9897 481 13 9844 442	91 8492 436 80 8683 447 75 8834 446
APRIL 313 13362 496 MAY 317 13414 493 JUNE 487 13096 481	705 11726 436 935 11596 434 1336 11353 425	1018 12229 455 1252 12056 449 1823 11818 440	57 8823 457 38 8250 432 49 8172 427	17 10324 417 20 9477 414 27 9096 400	74 9168 448 58 8673 425 76 8501 418
JULY 828 12718 469	2150 11148 420	2978 11585 433	94 7962 420	46 8867 388	140 8260 410
AUGUST 894 12484 460 SEPTEMBER 752 12581 465	2808 10944 413 2500 11005 415	3702 11316 424 3252 11370 427	91 7286 384 113 .7879 414	45 8553 393 48 8719 396	136 7705 387 161 8129 409
OCTOBER 634 13260 488 NOVEMBER 618 13785 508 OECEMBER 543 13605 499	1997 11136 421 1636 11445 433 1429 11607 436	2631 11648 437 2254 12086 454 1972 12158 453	100 8248 443 101 8849 462 62 8354 437	34 9401 404 34 8949 426 42 10045 449	134 8540 433 135 8874 453 104 9037 442
YEAR AV. 6570 13141 483	17456 11283 425	24026 11791 441	911 8237 432	353 9204 413	1264 8507 427
	BROWN SWISS			M. SHORTHORN	
CALVING REGISTEREO MONTH NUMBER MILK FAT			REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 6 11008 428 FEBRUARY 2 12510 552 MARCH 14 12061 486	2 16525 613 1 11140 474 4 15288 557	8 12388 474 3 12053 526 18 12778 502	1 10980 444	1 7310 249	I 7310 249 I 10980 444
APRIL 7 11813 445 MAY 10 11351 446 JUNE 18 10519 445	3 11497 498 2 8145 380	7 11813 445 13 11385 458 20 10282 439	2 7840 300 1 11900 397	1 6000 246 2 9600 302	2 7840 300 2 8950 322 2 9600 302
JULY 19 11079 448 AUGUST 11 10960 448	4 10540 412	19 11079 448 15 10848 439	I 6490 258	3 11207 423 5 12278 431	4 10028 382 5 12278 431
SEPTEMBER 17 10464 448  OCTOBER 9 12026 498	6 11815 437 5 10828 445	23 10816 445 14 11598 479		2 9240 331	2 9240 331
NOVEMBER 8 10509 432 OECEMBER 6 12592 531	5 12822 494 7 12350 492	13 11398 456 13 12462 510	1 8820 348	4 11003 422 5 11076 419	5 10566 407 5 11076 419
YEAR AV. 127 11199 459	39 12151 477	166 11422 463	6 8978 341	23 10669 390	29 10319 380
	REO OANE			REO POLL	
CALVING REGISTEREO	NON-REGISTEREO	ALL	REGISTEREO	NON-REGISTEREO	ALL
MONTH NUMBER MILK FAT  JANUARY FEBRUARY MARCH	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT
APRIL MAY					
JUNE					

WEST VIRGINIA 54

	AYRSHIRE			GUERNSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT NU	ALL JMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 8 8724 336 FEBRUARY 4 10838 436 MARCH 5 10812 414	1 8360 326 2 10860 457	9 8683 335 6 10845 443 5 10812 414	38 7703 377 19 8099 379 18 7941 383	22 8797 361 6 8930 339 16 7988 336	60 8104 371 25 8298 370 34 7963 361
APRIL 4 10490 412 MAY JUNE 2 9275 376	3 9197 397 2 9865 359	4 10490 412 3 9197 397 4 9570 368	23 7227 343 16 8125 402 23 6917 343	6 8587 353 3 7747 384 8 7639 330	29 7508 345 19 8065 399 31 7103 339
JULY 7 7974 323 AUGUST 41 8972 367 SEPTEMBER 24 9771 409	5 7818 303 10 10230 402 7 9693 345	12 7909 315 51 9219 374 31 9754 394	25 7252 357 64 7487 354 58 7444 366	19 9074 367 30 8573 379 37 8267 364	44 8039 361 94 7833 362 95 7765 366
OCTOBER 10 9905 407 NOVEMBER 12 10258 411 OECEMBER 2 8590 345	9 10070 380 6 9868 407 3 10120 385	19 9983 394 18 10128 409 5 9508 369	40 7204 348 34 7859 378 26 7463 363	35 8652 370 22 8905 391 21 9404 381	75 7880 358 56 8270 383 47 8330 371
YEAR AV. 119 9456 384	48 9726 377	167 9533 382	384 7517 364	225 8633 367	609 7929 365
	HOLSTEIN			JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT NU	ALL JMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 106 11995 428 FEBRUARY 73 11809 412 MARCH 68 11607 411	90 11163 409 78 10698 395 70 10517 385	196 11613 419 151 11235 403 138 11054 398	21 8101 425 16 8176 424 14 6956 346	4 6208 344 3 6797 303 5 6984 368	25 7798 412 19 7958 405 19 6963 352
APRIL 40 10931 389 MAY 60 11780 414 JUNE 82 11629 412	81 10529 380 62 11015 400 87 10622 379	121 10661 383 122 11391 407 169 11110 395	13 8004 397 11 7241 371 10 8053 406	4 6333 336 7 6764 367 9 6284 338	17 7611 383 18 7056 370 19 7215 374
JULY 121 11221 403 AUGUST 148 11266 407 SEPTEMBER 165 11538 420	125 10777 395 216 10327 378 207 10345 384	246 10995 399 364 10709 390 372 10874 400	24 7165 366 30 7860 410 47 7184 373	9 7130 333 10 6302 333 23 7167 377	33 7156 357 40 7471 390 70 7179 374
OCTOBER 135 12144 443 NOVEMBER 118 12639 458 OECEMBER 97 11865 428	170 10796 401 149 10832 397 108 10915 398	305 11393 420 267 11630 424 205 11365 412	34 7738 397 30 7783 416 30 7877 401	15 9101 425 16 7249 400 17 6754 340	49 8155 405 46 7598 411 47 7471 379
YEAR AV. 1213 11732 421	1443 10660 391	2656 11150 405	280 7646 394	122 7121 366	402 7487 386
	2001111 51155			W 511007110011	
CALVING REGISTEREO	BROWN SWISS NON-REGISTEREO	ALL	REGISTEREO	M. SHORTHORN NON-REGISTEREO	ALL
MONTH NUMBER MILK FAT  JANUARY FEBRUARY MARCH	NUMBER MILK FAT NU	JMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT
APRIL MAY JUNE					
JULY AUGUST SEPTEMBER					
OCTOBER NOVEMBER OECEMBER				1 13450 476	1 13450 476
YEAR AV.				1 13450 476	1 13450 476
	REO OANE			REO POLL	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT NU	ALL UMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY February March					
APRIL MAY JUNE					
JULY AUGUST SEPTEMBER					
OCTOBER NOVEMBER DECEMBER					
YEAR AV.					

NORTH CAROLINA 55

	AYRSHIRE	GUERNSEY
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO ALL NUMBER MILK FAT NUMBER MILK FA	REGISTEREO NON-REGISTEREO ALL T NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT
JANUARY 15 9828 393 FEBRUARY 16 10658 399 MARCH 13 10182 386	2 11505 444 17 10025 399 3 10420 417 19 10620 400 7 12420 461 20 10966 413	2 191 \8302 399 59 9256 369 250 8527 392
APRIL 19 9739 370 MAY 5 8356 317 JUNE 21 9577 381	3 9220 379 22 9668 37: 15 9773 360 20 9419 34: 6 7168 291 27 9041 36:	9 160 8309 387 48 9996 393 208 8699 388
JULY 48 9570 384 AUGUST 50 8465 342 SEPTEMBER 45 8776 349	17 9962 374 65 9673 38; 35 10920 401 85 9476 366 40 9039 327 85 8900 33°	5 275 7702 373 212 9335 367 487 8413 370
OCTOBER 32 8797 343 NOVEMBER 29 10141 404 OECEMBER 26 10561 421	29 10041 385 61 9389 36; 22 9254 347 51 9758 386 13 10619 376 39 10581 406	227 8096 389 106 9746 390 333 8622 389
YEAR AV. 319 9423 373	192 9919 369 511 9609 37	2384 8125 390 1239 9336 370 3623 8539 383
	NOI STEIN	JERSEY
CALVING REGISTERED	HOLSTEIN NON-REGISTEREO ALL	REGISTEREO NON-REGISTEREO ALL
MONTH NUMBER MILK FAT JANUARY 214 12397 444	NUMBER MILK FAT NUMBER MILK FAT 305 10797 396 519 11456 410	
FEBRUARY 179 12167 439 MARCH 171 12423 446	286 10811 395 465 11333 41; 257 11238 410 428 11711 424	
APRIL 150 12673 456 MAY 161 12384 441 JUNE 194 11930 429	330 11108 412 480 11597 42: 405 11003 412 566 11396 42: 668 10509 398 862 10829 40:	130 7196 362 21 10024 403 151 7589 367
JULY 489 11674 420 AUGUST 711 11772 421 SEPTEMBER 579 11587 416	1304 10653 395 1793 10931 403 1933 10299 380 2644 10695 393 1840 10101 375 2419 10457 383	204 6768 343 92 9070 363 296 7484 350
OCTOBER 444 12026 432 NOVEMBER 365 12669 458 OECEMBER 239 12837 461	1485 10464 391 1929 10824 406 1187 10738 398 1552 11192 413 937 11019 405 1176 11388 416	2 148 7376 379 52 9448 395 200 7915 383
YEAR AV. 3896 12060 433	10937 10552 391 14833 10948 407	2 1667 7359 372 488 9011 373 2155 7733 372
CALVING REGISTEREO	NON-REGISTEREO ALL	M. SHORTHORN  REGISTEREO NON-REGISTEREO ALL
MONTH NUMBER MILK FAT	NUMBER MILK FAT NUMBER MILK FAT	NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT
JANUARY 1 6620 279 FEBRUARY 6 9660 390 MARCH 2 10810 437	1 11450 474 7 9916 403 1 13070 523 3 11563 463	2 5
APRIL 2 10245 415 MAY 4 10005 392 JUNE 6 10147 385	2 12060 508 4 11153 46: 2 15715 553 6 11908 44: 4 10825 424 10 10418 400	2 9835 352 2 9835 352
JULY 17 8665 359 AUGUST 19 9541 387 SEPTEMBER 22 8591 356	13 9433 351 30 8998 350 20 9585 368 39 9563 37 15 9595 384 37 8998 36	7 5 7516 272 5 7516 272
OCTOBER 17 8557 347 NOVEMBER 19 9102 357 OECEMBER 3 11120 429	21 10577 419 38 9673 38 14 11448 471 33 10097 409 11 11438 416 14 11370 414	1 8720 448 1 8720 448
YEAR AV. 118 9127 368	104 10479 408 222 9760 38	7 15 9180 340 15 9180 340
CALVING REGISTEREO	REO OANE NON-REGISTEREO ALL	REO POLL  REGISTEREO NON-REGISTEREO ALL
JANUARY FEBRUARY	NUMBER MILK FAT NUMBER MILK FA	T NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT
MARCH APRIL MAY JUNE		
JULY AUGUST SEPTEMBER		
OCTOBER NOVEMBER OECEMBER		
YEAR AV.		

SOUTH CAROLINA 56

	AYRSHIRE			GUERNSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH	1 5790 280 2 8600 433	1 5790 280 2 8600 433	145 8558 401 133 8334 380 132 8362 376	68 8222 326 51 8277 317 42 8579 338	213 8451 377 184 8318 362 174 8414 367
APRIL 1 14330 541 MAY JUNE	1 5580 218	1 14330 541 1 5580 218	90 8452 381 78 8050 361 102 7966 364	35 8809 351 34 7614 310 49 8711 348	125 8552 373 112 7918 346 151 8208 359
JULY 1 10400 387 AUGUST 3 12193 476 SEPTEMBER 2 13650 493	1 4850 191 3 5293 213	1 10400 387 4 10358 405 5 8636 325	180 7761 345 327 7302 336 288 7283 340	84 8845 350 116 8600 335 102 8247 323	264 6106 346 443 7642 336 390 7535 336
OCTOBER NOVEMBER 1 9730 360 OECEMBER	2 82 35 326	1 9730 360 2 8235 326	233 7761 363 192 8200 383 172 8094 376	118 9135 359 109 9126 370 77 9830 383	351 8223 361 301 8536 378 249 8631 378
YEAR AV. 8 12293 463	10 6577 285	18 9117 364	2072 7872 362	885 8754 346	2957 8136 357
	HOLSTEIN			JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 59 11681 398 FEBRUARY 63 12243 415	124 8999 328 93 9541 339	183 9864 351 156 10632 370	47 7841 403 32 7858 401	10 8821 430 5 9044 442	57 8013 408 37 8018 406
MARCH 40 14584 499	83 10086 363	123 11549 407	31 8177 410	6 9[28 428	37 8331 413
APRIL 3B 12995 44B MAY 42 12710 433 JUNE 52 11460 400	91 10742 378 144 9735 362 241 9223 340	129 11406 399 186 10407 378 293 9620 351	21 9160 451 23 9133 465 27 7883 390	4 9213 396 12 8271 375 16 9143 393	25 9169 443 35 8837 434 43 8351 391
JULY 90 11745 410 AUGUST 188 11401 398 SEPTEMBER 171 12061 426	395 9718 360 573 9297 348 537 9396 347	485 10094 369 761 9817 360 708 10040 366	96 7666 394 124 7511 380 83 7706 404	27 8921 385 30 7890 328 32 8421 361	123 7941 392 154 7584 370 115 7905 392
OCTOBER 134 11929 420 NOVEMBER 108 11932 419 OECEMBER 99 12318 437	470 9458 350 377 10118 375 350 10157 377	604 10006 365 485 10522 385 449 10633 390	57 7709 400 62 7841 405 73 8515 439	35 8937 361 21 9309 381 20 9180 409	92 8176 385 83 8213 399 93 8658 433
YEAR AV. 1084 12027 420	3478 9623 356	4562 10194 371	676 7903 405	218 8759 376	894 8112 398
	BROWN SWISS			M. SHORTHORN	
CALVING REGISTERED	NON-REGISTEREO	ALL NUMBER MILK FAT	REGISTEREO	NON-REGISTEREO	ALL NUMBER MIJK FAT
MONTH NUMBER MILK FAT  JANUARY 2 12475 537	NON-REGISTEREO NUMBER MILK FAT 6 11540 456	NUMBER MILK FAT B 11774 476			
MONTH NUMBER MILK FAT  JANUARY 2 12475 537  FEBRUARY 3 13553 535  MARCH 2 11510 389	NON-REGISTEREO NUMBER MILK FAT 6 11540 456 3 9390 342 3 12710 487	NUMBER MILK FAT  B 11774 476 6 11472 438 5 12230 448		NON-REGISTEREO	
MONTH NUMBER MILK FAT  JANUARY 2 12475 537  FEBRUARY 3 13553 535  MARCH 2 11510 389  APRIL 6 978B 342  MAY 7 12004 448  JUNE 2 11460 400	NON-REGISTEREO NUMBER MILK FAT 6 11540 456 3 9390 342 3 12710 487 8 11510 447 6 10187 400 19 11198 443	NUMBER MILK FAT  8 11774 476 6 11472 438 5 12230 448  14 10772 402 13 11165 426 21 11223 439		NON-REGISTEREO	
MONTH NUMBER MILK FAT  JANUARY 2 12475 537  FEBRUARY 3 13553 535  MARCH 2 11510 389  APRIL 6 9788 342  MAY 7 12004 448	NON-REGISTEREO NUMBER MILK FAT 6 11540 456 3 9390 342 3 12710 487 8 11510 447 6 10187 400 19 11198 443	NUMBER MILK FAT  8 11774 476 6 11472 438 5 12230 448  14 10772 402 13 11165 426		NON-REGISTEREO	
MONTH NUMBER MILK FAT  JANUARY 2 12475 537  FEBRUARY 3 13553 535  MARCH 2 11510 389  APRIL 6 978B 342  MAY 7 12004 448  JUNE 2 11460 400  JULY 12 8464 329  AUGUST 14 9288 355	NON-REGISTEREO NUMBER MILK FAT 6 11540 456 3 9390 342 3 12710 487 6 10187 400 19 11198 443 33 10743 414 43 9817 373	NUMBER MILK FAT  8 11774 476 6 11472 438 5 12230 448  14 10772 402 13 11165 426 21 11223 439  45 10135 392 57 9687 368		NON-REGISTEREO	
MONTH NUMBER MILK FAT  JANUARY 2 12475 537 FEBRUARY 3 13553 535 MARCH 2 11510 389  APRIL 6 9788 342 MAY 7 12004 448 JUNE 2 11460 400  JULY 12 8464 329 AUGUST 14 9288 355 SEPTEMBER 12 8768 350  OCTOBER 7 8600 338 ROVEMBER 13 10098 399	NON-REGISTEREO NUMBER MILK FAT 6 11540 456 3 9390 342 3 12710 487 6 10187 400 19 11198 443 33 10743 414 43 9817 373 30 9389 369 35 10332 399 18 10057 397	NUMBER MILK FAT  8 11774 476 6 11472 438 5 12230 448  14 10772 402 13 11165 426 21 11223 439 45 10135 392 57 9687 368 42 9211 364 42 10043 389 31 10074 396		NON-REGISTEREO	
## NUMBER   MILK FAT  JANUARY   2   12475   537  FEBRUARY   3   13553   535  MARCH   2   11510   389  APRIL   6   9788   342  MAY   7   12004   448  JUNE   2   11460   400  JULY   12   8464   329  AUGUST   14   9288   355  SEPTEMBER   12   8768   350  OCTOBER   7   8600   338  NOVEMBER   13   10098   395  OCCCEMBER   9   10683   419	NON-REGISTEREO NUMBER MILK FAT 6 11540 456 3 9390 342 3 12710 487 6 10167 400 19 11198 443 33 10743 414 43 9817 373 30 9389 369 35 10332 399 18 10057 397 24 10951 427	NUMBER MILK FAT  8 11774 476 6 11472 438 5 12230 448  14 10772 402 13 11165 426 21 111223 439 45 10135 392 57 9687 368 42 9211 364 42 10043 389 31 10074 396 33 10878 424		NON-REGISTEREO NUMBER MILK FAT	
MONTH NUMBER MILK FAT  JANUARY 2 12475 537 FEBRUARY 3 13553 535 MARCH 2 11510 389  APRIL 6 9788 342 MAY 7 12004 448 JUNE 2 11460 400  JULY 12 8464 329 AUGUST 14 9288 355 SEPTEMBER 12 8768 350  OCTOBER 7 8600 338 NOVEMBER 13 10098 395 OCCEMBER 9 10683 419  YEAR AV. 89 9874 380	NON-REGISTEREO NUMBER MILK FAT 6 11540 456 3 9390 342 3 12710 487 6 10187 400 19 11198 443 33 10743 414 43 9817 373 30 9389 369 35 10332 399 18 10057 397 24 10951 427 228 10374 402  REO OANE NON-REGISTEREO	NUMBER MILK FAT  8 11774 476 6 11472 438 5 12230 448  14 10772 402 13 11165 426 21 11223 439 45 10135 392 57 9687 368 42 9211 364 42 10043 389 31 10074 396 33 10878 424  317 10234 396	NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT  REO POLL NON-REGISTEREO	NUMBER MILK FAT
## NUMBER MILK FAT  JANUARY 2 12475 537  FEBRUARY 3 13553 535  MARCH 2 11510 389  APRIL 6 9788 342  MAY 7 12004 448  JUNE 2 11460 400  JULY 12 8464 329  AUGUST 14 9288 355  SEPTEMBER 12 8768 350  OCTOBER 7 8600 338  NOVEMBER 13 10098 395  OCCEMBER 9 10683 419  YEAR AV. 89 9874 380  CALVING REGISTEREO MUNTH NUMBER MILK FAT  JANUARY FEBRUARY	NON-REGISTEREO NUMBER MILK FAT 6 11540 456 3 9390 342 3 12710 487 6 10167 400 19 11198 443 33 10743 414 43 9817 373 30 9389 369 35 10332 399 18 10057 397 24 10951 427 228 10374 402	NUMBER MILK FAT  8 11774 476 6 11472 438 5 12230 448  14 10772 402 13 11165 426 21 11223 439 45 10135 392 57 9687 368 42 9211 364 42 10043 389 31 10074 396 33 10878 424  317 10234 396	NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT
## NUMBER MILK FAT  JANUARY 2 12475 537 FEBRUARY 3 13553 535 MARCH 2 11510 389  APRIL 6 9788 342 MAY 7 12004 448 JUNE 2 11460 400  JULY 12 8464 329 AUGUST 14 9288 355 SEPTEMBER 12 8768 350  GCTOBER 7 8600 338 NOVEMBER 13 10098 395 OECEMBER 9 10683 419  YEAR AV. 89 9874 380  CALVING REGISTEREO MONTH NUMBER MILK FAT JANUARY FEBRUARY MARCH  APRIL MAY	NON-REGISTEREO NUMBER MILK FAT 6 11540 456 3 9390 342 3 12710 487 6 10187 400 19 11198 443 33 10743 414 43 9817 373 30 9389 369 35 10332 399 18 10057 397 24 10951 427 228 10374 402  REO OANE NON-REGISTEREO	NUMBER MILK FAT  8 11774 476 6 11472 438 5 12230 448  14 10772 402 13 11165 426 21 11223 439 45 10135 392 57 9687 368 42 9211 364 42 10043 389 31 10074 396 33 10878 424  317 10234 396	NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT  REO POLL NON-REGISTEREO	NUMBER MILK FAT
## MONTH NUMBER MILK FAT  JANUARY 2 12475 537 FEBRUARY 3 13553 535 MARCH 2 11510 389  APRIL 6 9788 342 MAY 7 12004 448 JUNE 2 11460 400  JULY 12 8464 329 AUGUST 14 9288 355 SEPTEMBER 12 8768 350  OCTOBER 7 8600 338 NOVEMBER 13 10098 395 OECEMBER 9 10683 419  YEAR AV. 89 9874 380  CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST	NON-REGISTEREO NUMBER MILK FAT 6 11540 456 3 9390 342 3 12710 487 6 10187 400 19 11198 443 33 10743 414 43 9817 373 30 9389 369 35 10332 399 18 10057 397 24 10951 427 228 10374 402  REO OANE NON-REGISTEREO	NUMBER MILK FAT  8 11774 476 6 11472 438 5 12230 448  14 10772 402 13 11165 426 21 11223 439 45 10135 392 57 9687 368 42 9211 364 42 10043 389 31 10074 396 33 10878 424  317 10234 396	NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT  REO POLL NON-REGISTEREO	NUMBER MILK FAT
## MONTH NUMBER MILK FAT  JANUARY 2 12475 537 FEBRUARY 3 13553 535 MARCH 2 11510 389  APRIL 6 9788 342 MAY 7 12004 448 JUNE 2 11460 400  JULY 12 8464 329 AUGUST 14 9288 355 SEPTEMBER 12 8768 350  OCTOBER 7 8600 338 NOVEMBER 13 10098 395 OECEMBER 9 10683 419  YEAR AV. 89 9874 380  CALVING REGISTEREO MONTH NUMBER MILK FAT  JANUARY FEBRUARY ARCH  APRIL MAY JUNE JULY	NON-REGISTEREO NUMBER MILK FAT 6 11540 456 3 9390 342 3 12710 487 6 10187 400 19 11198 443 33 10743 414 43 9817 373 30 9389 369 35 10332 399 18 10057 397 24 10951 427 228 10374 402  REO OANE NON-REGISTEREO	NUMBER MILK FAT  8 11774 476 6 11472 438 5 12230 448  14 10772 402 13 11165 426 21 11223 439 45 10135 392 57 9687 368 42 9211 364 42 10043 389 31 10074 396 33 10878 424  317 10234 396	NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT  REO POLL NON-REGISTEREO	NUMBER MILK FAT

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YEAR AV.

AYRSHIRE			GUERNSEY	
CALVING REGISTEREO NON-REGISTEREO MONTH NUMBER MILK FAT NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 2 8540 347 1 6700 286 FEBRUARY 1 8490 322 MARCH 3 10857 441 3 7090 322	1 8490 322	39 8530 410 35 8360 397 26 8247 388	28 8266 354 37 7420 323 43 7714 314	67 8420 387 72 7877 359 69 7915 342
APRIL 2 9395 340 5 9108 376 MAY 2 11630 473 2 6220 315 JUNE 5 11552 482 4 9348 362	4 8925 394	18 8531 409 16 7504 360 16 7952 392	29 8289 325 50 8088 338 46 8559 356	47 8381 357 66 7947 343 62 8402 365
JULY 3 7940 289 11 9012 329 AUGUST 10 8131 304 7 9639 380 SEPTEMBER 29 7387 264 5 9452 408	17 8752 336	29 6997 351 47 7971 388 48 7730 376	76 9047 359 129 9012 360 84 8017 321	105 8481 357 176 8734 368 132 7913 341
OCTOBER 17 8437 302 9 9904 376 NOVEMBER 10 9435 377 12 9293 376 OECEMBER 5 9082 335 5 10794 466	22 9358 378	42 8290 412 42 8888 436 33 8692 423	102 9193 374 72 8979 358 63 9829 383	144 8929 385 114 8945 387 96 9438 397
YEAR AV. 89 8545 320 64 9247 372		391 8178 398	759 8700 352	1150 8522 367
HOLSTEIN			JEKSEY	
CALVING REGISTEREO NON-REGISTEREO MONTH NUMBER MILK FAT NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO	ALL NUMBER MILK FAT
JANUARY 60 12744 462 79 10862 403	139 11674 429	69 8295 429	9 8686 408	78 8340 426
FEBRUARY 36 12741 455 52 10172 389 MARCH 48 12900 468 78 9929 383	126 11061 415	43 8089 422 26 7671 388	10 7685 379 6 10610 482	53 8013 414 32 8222 405
APRIL 26 12847 469 94 9868 391 MAY 60 12816 468 145 10158 392 JUNE 54 12134 438 190 9785 371	205 10936 414	35 7617 386 47 8471 443 41 7960 412	12 8143 371 19 10051 424 42 8514 376	47 7751 382 66 8926 437 83 8240 394
JULY 114 11283 411 345 10066 375 AUGUST 173 11875 436 512 9982 381 SEPTEM8ER 162 11600 417 448 9610 364	685 10460 395	82 6822 361 125 6717 343 103 6902 361	38 8601 379 78 8849 374 55 7881 335	120 7385 367 203 7536 355 158 7243 352
OCTOBER 149 12154 441 325 10022 378 NOVEMBER 119 12091 441 323 10173 389 OECEMBER 90 12440 454 224 10310 390	442 10689 403	91 6959 357 63 7960 413 69 8242 426	54 9322 376 54 8234 348 30 8794 358	145 7839 364 117 8086 383 99 8409 405
YEAR AV. 1091 12090 439 2815 10004 380		794 7461 386	407 8667 370	1201 7870 381
8ROWN SWISS  CALVING REGISTEREO NON-REGISTEREO	ALL	REG1STEREO	M. SHORTHORN NON-REGISTEREO	ALL
CALVING REGISTEREO NON-REGISTERED MONTH NUMBER MILK FAT NUMBER MILK FAT	NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO	
CALVING REGISTEREO NON-REGISTEREO MONTH NUMBER MILK FAT NUMBER MILK FAT  JANUARY 3 10057 405 3 11437 504 FEBRUARY 2 13755 558	NUMBER MILK FAT 6 10747 455 2 10020 477 2 13755 558		NON-REGISTEREO	
CALVING REGISTEREO NON-REGISTEREO MONTH NUMBER MILK FAT NUMBER MILK FAT  JANUARY 3 10057 405 3 11437 504 FEBRUARY 2 10020 477	NUMBER MILK FAT  6 10747 455 2 10020 477 2 13755 558 5 9334 394 11 10127 410		NON-REGISTEREO	
CALVING REGISTEREO NON-REGISTEREO MONTH NUMBER MILK FAT NUMBER MILK FAT STANDARY 3 10057 405 3 11437 504 FEBRUARY 2 13755 558  APRIL 1 9270 347 4 9350 406 MAY 5 11458 462 6 9018 366	NUMBER MILK FAT  6 10747 455 2 10020 477 2 13755 558 5 9334 394 11 10127 410 11 9814 391 19 9739 396 20 10492 402		NON-REGISTEREO	
CALVING REGISTEREO NON-REGISTEREO NUMBER MILK FAT NUMBER NUMBER MILK FAT NUMBER NUMBER MILK FAT NUMBER MILK FA	NUMBER MILK FAT  6 10747 455 2 10020 477 2 13755 558 5 9334 394 11 10127 410 11 9814 391 19 9739 396 20 10492 402 17 9074 356 21 9809 416 14 10391 409		NON-REGISTEREO	
CALVING REGISTEREO NON-REGISTEREO MONTH NUMBER MILK FAT NUMBER NUMBE	NUMBER MILK FAT  6 10747 455 2 10020 477 2 13755 558 5 9334 394 11 10127 410 11 9814 391 19 9739 396 20 10492 402 17 9074 356 21 9809 416 14 10391 409 12 10613 418		NON-REGISTEREO	
CALVING REGISTEREO NUMBER MILK FAT NUMBER N	NUMBER MILK FAT 6 10747 455 2 10020 477 2 13755 558 5 9334 394 11 10127 410 11 9814 391 19 9739 396 20 10492 402 17 9074 356 21 9809 416 14 10391 409 12 10613 418		NON-REGISTEREO NUMBER MILK FAT	
CALVING REGISTEREO NON-REGISTEREO MONTH NUMBER MILK FAT NUMBER NUM	NUMBER MILK FAT  6 10747 455 2 10020 477 2 13755 558 5 9334 394 11 10127 410 11 9814 391 19 9739 396 20 10492 402 17 9074 356 21 9809 416 14 10391 409 12 10613 418	NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT  REO POLL NON-REGISTEREO	NUMBER MILK FAT
CALVING REGISTEREO NON-REGISTEREO MONTH NUMBER MILK FAT NUMBER	NUMBER MILK FAT  6 10747 455 2 10020 477 2 13755 558 5 9334 394 11 10127 410 11 9814 391 19 9739 396 20 10492 402 17 9074 356 21 9809 416 14 10391 409 12 10613 418	NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT
CALVING MONTH NUMBER MILK FAT	NUMBER MILK FAT  6 10747 455 2 10020 477 2 13755 558 5 9334 394 11 10127 410 11 9814 391 19 9739 396 20 10492 402 17 9074 356 21 9809 416 14 10391 409 12 10613 418	NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT  REO POLL NON-REGISTEREO	NUMBER MILK FAT
CALVING REGISTERED NUMBER MILK FAT NUMBER MILK	NUMBER MILK FAT  6 10747 455 2 10020 477 2 13755 558 5 9334 394 11 10127 410 11 9814 391 19 9739 396 20 10492 402 17 9074 356 21 9809 416 14 10391 409 12 10613 418	NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT  REO POLL NON-REGISTEREO	NUMBER MILK FAT
CALVING REGISTEREO NUMBER MILK FAT NUMBER MILK	NUMBER MILK FAT  6 10747 455 2 10020 477 2 13755 558 5 9334 394 11 10127 410 11 9814 391 19 9739 396 20 10492 402 17 9074 356 21 9809 416 14 10391 409 12 10613 418	NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT  REO POLL NON-REGISTEREO	NUMBER MILK FAT

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			AYRSHIRE			GUERNSEY	
CALVING MONTH		ISTEREO MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH	6	10025 379 10783 405 10826 434		8 10025 379 6 10783 405 5 10826 434	126 8076 359 82 7926 348 89 7799 345	23 8312 393 29 8534 372 15 8476 370	149 8113 365 111 8085 354 104 7896 348
APRIL MAY JUNE	10 9 5	11032 416 9309 373 8980 357		10 11032 416 9 9309 373 5 8980 357	75 7727 338 45 7265 325 52 7286 319	16 8440 390 16 8724 389 15 8106 359	91 7852 347 61 7648 342 67 7470 328
JULY AUGUST SEPTEMBER	5 5 16	8764 342 7084 277 8952 356	2 9575 392	5 8764 342 5 7084 277 18 9021 360	81 7032 314 123 7303 330 160 7061 321	31 7877 344 47 7657 324 45 7941 334	112 7266 322 170 7401 328 205 7254 324
OCTOBER NOVEMBER OECEMBER	18 9 8	8434 338 9401 364 8515 350	1 19810 739	18 8434 338 9 9401 364 9 9770 393	134 7557 338 111 7566 338 101 8038 356	31 8245 355 33 8144 343 13 7608 350	165 7687 341 144 7699 339 114 8012 355
YEAR AV.	104	9279 364	3 12987 508	107 9383 368	1179 7556 337	314 8119 353	1493 7675 340
			HOLSTEIN			JERSEY	
CALVING MONTH		ISTEREO MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH	28	12352 435 12321 409 12828 467	21 10472 411 15 10111 400 24 10871 400	73 11811 428 43 11550 406 43 11736 430	91 8749 442 85 8634 419 71 8903 443	21 8384 412 29 8543 401 7 8419 412	112 8681 436 114 8611 415 78 8859 440
APRIL MAY JUNE	15	13307 505 12869 466 11168 386		35 10790 426 27 11629 448 53 10448 384	58 8818 435 44 8650 417 59 7258 354	16 9587 453 19 8557 411 15 9070 418	74 8984 439 63 8622 415 74 7625 367
JULY AUGUST SEPTEMBER	63	11219 395 12147 433 11861 408	52 9667 364 51 9777 374 53 9961 390	99 10404 379 114 11087 407 111 10954 400	120 7352 356 134 7553 370 171 7323 361	38 8634 436 47 7696 384 41 8331 398	158 7660 375 181 7590 374 212 7518 368
OCTOBER NOVEMBER OECEMBER	50	11833 407 13898 486 14728 523	33 9186 356	88 10827 393 83 12025 434 66 12849 467	134 7824 389 105 8471 417 113 8625 434	36 8002 391 39 8660 405 23 8364 402	170 7862 389 144 8522 413 136 8580 429
YEAR AV.	455	12443 436	380 9884 383	835 11278 412	1185 8052 397	331 8412 407	1516 8130 399
CALVING MONTH		ISTEREO MILK FAT	BROWN SWISS  NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO Number milk fat	M. SHORTHORN  NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH	1	11900 389 12320 427 8800 314		1 11900 389 1 12320 427 2 8800 314			
APRIL MAY JUNE	3	11970 461 9710 347 6330 212		2 8965 402 3 9710 347 1 6330 212			
JULY AUGUST SEPTEMBER	2	12780 534 11165 400		3 11657 485 2 11165 400 2 10495 449			
OCTOBER NOVEMBER		8785 360		3 8400 341			
OECEMBER YEAR AV.		10025 376		3 10010 419 23 9945 388			
	•						
			REO OANE			REO POLL	
CALVING MONTH		ISTEREO MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH							
APRIL MAY JUNE							
JULY AUGUST SEPTEMBER	R						
OCTOBER NOVEMBER OECEMBER							
YEAR AV.							

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#### 1960 CALVING YEAR

	AYRSHIRE			GUERNSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT NUM	ALL MBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY I 11040 431 FEBRUARY I 7250 285 MARCH	1 12930 383	2 11985 407 1 7250 285	43 8452 406 39 8286 388 31 7879 383	22 9448 382 13 8729 337 10 8868 341	65 8789 398 52 8397 375 41 8120 373
APRIL MAY JUNE	1 8210 403	1 8210 403	27 7981 375 17 6607 317 23 7133 341	14 10055 400 10 11768 432 19 10401 394	41 8689 383 27 8519 360 42 8611 365
JULY AUGUST 3 9153 382 SEPTEMBER	1 9010 282 1 13260 521 2 10850 3 <b>8</b> 5	1 9010 282 4 10180 417 2 10850 385	30 7431 339 56 7512 374 35 7169 350	29 9721 360 47 10316 375 50 10118 376	59 8557 350 103 8792 375 85 8904 365
OCTOBER NOVEMBER 2 9150 374 OECEMBER 1 7870 347	1 4340 264 3 8840 335	1 4340 264 2 9150 374 4 8598 338	39 8102 398 44 8406 417 36 8529 418	32 10428 374 40 10719 394 31 11194 416	71 9150 387 84 9507 406 67 9762 417
YEAR AV. 8 8990 370	10 9597 363	18 9327 366	420 7881 381	317 10247 382	737 8899 381
	HOLSTEIN			JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT NUM	ALL 18ER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 177 12756 467 FEBRUARY 132 12788 462 MARCH 87 12956 475	80 11568 419	279 12282 449 212 12328 446 176 12371 452	81 8149 414 67 7668 392 72 7945 408	8 8585 410 8 7969 385 6 8195 384	89 8188 413 75 7700 392 78 7964 406
APRIL 57 13399 482 MAY 52 12829 472 JUNE 52 12469 442	73 11263 412	140 12298 453 125 11915 437 175 11653 419	42 7676 387 31 7726 397 50 7258 374	1 11970 493 7 9093 409 11 10800 445	43 7776 390 38 7978 400 61 7897 387
JULY 141 12304 451 AUGUST 267 11950 436 SEPTEMBER 218 11774 429	347 10942 399	357 11759 426 614 11381 415 565 11455 416	103 7120 361 120 7202 376 137 7599 391	31 8453 367 25 8898 376 28 8234 358	134 7428 362 145 7495 376 165 7706 385
OCTOBER 162 12262 445 NOVEMBER 169 12602 456 OECEMBER 119 12804 460	240 11528 419	444 11737 430 409 11972 434 321 12351 446	105 7626 394 80 7906 413 69 8283 423	33 9400 388 18 9564 407 21 10054 419	138 8050 393 98 8211 412 90 8696 422
YEAR AV. 1633 12422 451	2184 11407 415 3	8817 11841 431	957 7643 393	197 9059 389	1154 7884 392
	BROWN SWISS			M. SHORTHORN	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT NUM	ALL 18ER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 5 10860 425 FEBRUARY 9 9687 389 MARCH 8 10974 412	1 14300 605 1 9890 402 2 9775 391	6 11433 455 10 9707 391 10 10734 407			
APRIL 5 7818 321 MAY 5 10420 397 JUNE 7 8626 350	3 9740 395 5 9838 390	8 8539 349 10 10129 394 7 8626 350			
JULY 6 10773 465 AUGUST 15 10161 415 SEPTEMBER 11 10525 423	2 7565 312 3 9247 339 3 12070 422	8 9971 427 18 10009 402 14 10856 423			
OCTOBER 16 10699 426 NOVEMBER 7 12214 519 OECEMBER 1 9060 376	3 9903 385 5 10896 459 2 15435 587	19 10574 419 12 11665 494 3 13310 517			
YEAR AV. 95 10310 415	30 10543 415	125 10366 415			
	REO OANE			REO POLL	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT NUM	ALL MBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FE BRUARY MARCH					
APRIL MAY JUNE					

JULY AUGUST SEPTEMBER

OCTOBER NCVEMBER OECEMBER

YEAR AV.

TENNESSEE 63

	AYRSHIRE			GUERNSLY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH	I 15590 517	1 15590 517	41 9508 447 44 8989 424 30 9463 447	2 7330 340 3 6777 314 1 9190 496	43 9407 442 47 8848 417 31 9454 449
APRIL MAY JUNE			31 9736 454 37 9139 432 38 8605 399	1 6450 286 1 10930 503 1 9230 403	32 9634 449 38 9187 434 39 8621 399
JULY AUGUST SEPTEMBER	3 10847 449 2 6605 323 4 12428 437	3 10847 449 2 6605 323 4 12428 437	46 8372 406 85 7698 371 96 7666 377	4 9243 402 11 9475 423 10 8313 373	50 8441 405 96 7901 377 106 7727 377
OCTOBER NOVEMBER OECEMBER	2 13770 500 2 11710 428 2 15775 575	2 13770 500 2 11710 428 2 15775 575	71 8196 398 70 8314 406 73 9067 432	8 B280 389 7 I1269 521 7 10879 454	79 8205 397 77 8583 416 80 9226 434
YEAR AV.	16 12098 454	16 12098 454	662 8516 40B	56 9221 415	718 8571 409
	HOLSTEIN			JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 7 12216 462 FEBRUARY 13 11864 417 MARCH 6 12158 431	7 13884 543 3 10977 451 2 13360 492	14 13050 502 16 11698 423 B 12459 446	140 8277 418 107 8773 443 83 8549 431	2 9435 436 3 7220 353	142 8293 419 110 8730 441 83 8549 431
APRIL 5 11482 435 MAY 3 10470 371 JUNE 6 12673 447	5 10906 420 10 14024 534 B 11950 446	10 11194 428 13 13204 496 14 12260 446	41 8400 413 48 8569 430 47 8052 420	3 7230 386 1 9590 500 2 6410 318	44 8320 4II 49 8590 431 49 7985 415
JULY 11 12562 435 AUGUST 25 11882 439 SEPTEMBER 31 12001 436	29 10956 421 50 11271 453 60 10611 432	40 11397 425 75 11475 448 91 11084 433	86 7787 399 152 7366 378 139 7501 387	9 8433 414 I1 9210 404 27 7458 364	95 7848 400 163 7490 380 166 7494 383
OCTOBER 31 13301 490 NOVEMBER 29 12929 474 OECEMBER 29 13390 480	57 10696 423 41 10230 407 69 11501 447	88 11614 446 70 11348 435 98 12060 457	142 7165 367 9I 7494 379 105 8506 429	16 7403 376 13 9007 425 18 9743 428	158 7189 368 104 7683 385 123 8687 429
YEAR AV. 196 12553 456	341 11108 439	537 11635 445	1181 7930 403	105 8325 395	1286 7963 402
	8ROWN SWISS			M. SHORTHORN	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY I 10030 406 FEBRUARY MARCH		1 10030 406			
APRIL May June					
JULY AUGUST SEPTEMBER					
OCTOBER NOVEMBER OECEMBER 1 19430 751		1 19430 751			
YEAR AV. 2 14730 579		2 14730 579			
	0.00 04115			450 POLL	
CALVING REGISTEREO MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH					
APRIL MAY JUNE					
JULY AUGUST SEPTEMBER					
OCTOBER NOVEMBER OECEMBER					
YEAR AV.					

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	AYRSHIRE			GUERNSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 6 7933 326 FE8RUARY 3 6410 268 MARCH 3 7967 316	2 S80S 212 1 5790 201	6 7933 326 S 6168 246 4 7423 287	32 7213 319 25 7868 361 23 8672 381	54 8SSO 336 36 8280 338 45 7998 326	86 8053 329 61 8111 348 68 8226 34S
APRIL 3 5660 226 MAY 6 5127 212 JUNE 5 6590 271	2 813S 324 2 7S55 30S 7 8281 313	5 66S0 265 8 5734 23S 12 7S77 295	22 7666 338 22 8182 352 18 767S 344	30 83S4 327 S1 7305 291 46 7S46 298	\$2 8063 332 73 7\$70 310 64 7\$83 311
JULY 7 6730 257 AUGUST 3 7590 283 SEPTEMBER 13 6935 287	4 8700 341 7 9207 332 14 8619 332	11 7446 287 10 8722 318 27 7808 310	38 7363 336 \$8 6493 299 43 663\$ 302	93 7874 308 98 7669 306 107 7922 319	131 7726 316 156 7231 304 150 7553 314
OCTOBER 27 6873 270 NOVEMBER 10 8940 353 OECEMBER 12 8703 349	14 7339 284 S 9404 360 6 93SO 364	41 7032 27S 1S 9095 3S5 18 8918 3S4	44 7430 342 29 7271 349 30 7901 372	104 8079 323 86 8642 341 65 7697 324	148 7886 329 115 8297 343 95 7761 339
YEAK AV. 98 7254 290	64 8321 318	162 7675 301	384 <b>7</b> 371 33S	815 7982 319	1199 7786 324
	HOLSTEIN			JEKSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 18 12127 410 FEBRUARY 12 10203 3S4 MARCH 11 1200S 436	132 9263 338 120 9504 343 99 9595 352	150 9607 347 132 9568 344 110 9836 360	121 7571 388 108 7709 386 72 7960 397	22 8576 379 21 7638 361 20 8865 388	143 7726 387 129 7698 382 92 8157 395
APRIL 6 10542 376 MAY 11 10200 365 JUNE 21 11751 423	126 8984 342 190 8614 33S 299 8691 334	132 90\$5 344 201 8701 337 320 8892 339	40 7593 373 36 7509 366 43 7100 349	\$3 8832 350 60 8276 314 103 8023 327	93 8299 360 96 7989 333 146 77\$1 333
JULY 26 10110 368 AUGUST 58 9348 329 SEPTEMBER SO 10114 3SS	S01 9108 349 702 8616 326 750 8241 317	\$27 91\$7 3\$0 760 8672 326 800 8358 319	122 6693 327 163 6891 348 146 6702 343	230 8543 33S 286 8304 326 350 7969 318	3\$2 7902 332 449 7791 334 496 7\$96 325
OCTGBER 28 10404 373 NOVEMBER 30 11850 422	649 8643 329 \$88 8823 343	677 8716 331 618 8970 347	18S 7101 366 138 7226 37S	307 7902 323 237 8500 341	492 7601 339 37S 8031 3S3
OECEMBER 24 11153 386 YEAR AV. 29S 10S77 374	SSS 9126 3S0 4711 8774 335	579 9210 351 5006 8880 337	113 7335 372 1287 7194 364	234 8598 343 1923 8268 331	347 8187 3S2 3210 7837 344
CALVING REGISTEREO	BROWN SWISS	ALL	REGISTEREO	M. SHORTHORN	ALL
MONTH NUMBER MILK FAT  JANUARY 2 10040 398			REGISTEREO Number milk fat	NON-REGISTEREO	
MONTH NUMBER MILK FAT  JANUARY 2 10040 398  FEBRUARY 1 10310 347  MARCH 3 82S0 324	NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT		NON-REGISTEREO NUMBER MILK FAT	
MONTH NUMBER MILK FAT  JANUARY 2 10040 398 FEBRUARY 1 10310 347	NON-REGISTEREO NUMBER MILK FAT 1 14570 627	NUMBER MILK FAT 3 11550 474 1 10310 347		NON-REGISTEREO	
MONTH NUMBER MILK FAT  JANUARY 2 10040 398 FEBRUARY 1 10310 347 MARCH 3 8250 324  APRIL 3 8443 287  MAY	NON-REGISTEREO NUMBER MILK FAT 1 14570 627 2 7915 351 S 8898 342	NUMBER MILK FAT  3 11SSO 474 1 10310 347 S 8116 33S 3 8443 287 S 8898 342		NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT
MONTH NUMBER MILK FAT  JANUARY 2 10040 398 FEBRUARY 1 10310 347 MARCH 3 8250 324  APRIL 3 8443 287 MAY JUNE 2 11145 473  JULY 3 10117 406 AUGUST 3 7967 305	NON-REGISTEREO NUMBER MILK FAT 1 14570 627 2 7915 351 5 8898 342 2 8665 356 2 10085 402 6 9853 411	NUMBER MILK FAT  3 11550 474 1 10310 347 5 8116 335 3 8443 287 5 8898 342 4 9905 414 5 10104 404 9 9224 376	NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT 1 9640 334 1 13470 422 5 10436 390	NUMBER MILK FAT  1 9640 334  2 9990 329 5 10436 390
MONTH NUMBER MILK FAT  JANUARY 2 10040 398 FEBRUARY 1 10310 347 MARCH 3 8250 324  APRIL 3 8443 287 MAY JUNE 2 11145 473  JULY 3 10117 406 AUGUST 3 7967 305 SEPTEMBER 2 8610 328  OCTOBER 4 7298 284 NOVEMBER 2 10110 372	NON-REGISTEREO NUMBER MILK FAT 1 14570 627 2 7915 351 5 8898 342 2 8665 356 2 10085 402 6 9853 411 9 8952 346 6 8142 343 6 9257 394	NUMBER MILK FAT  3 11550 474 1 10310 347 5 8116 335 3 8443 287 5 8898 342 4 9905 414 5 10104 404 9 9224 376 11 8890 342 10 7804 319 8 9470 389	NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT  1 9640 334  1 13470 422 5 10436 390 5 6670 259 1 12720 412 2 9400 307	NUMBER HILK FAT  1 9640 334  2 9990 329 5 10436 390 5 6670 259 1 12720 412 2 9400 307
MONTH NUMBER MILK FAT  JANUARY 2 10040 398 FEBRUARY 1 10310 347 MARCH 3 8250 324  APRIL 3 8443 287 MAY JUNE 2 11145 473  JULY 3 10117 406 AUGUST 3 7967 305 SEPTEMBER 2 8610 328  OCTOBER 4 7298 284 NOVEMBER 2 10110 372 OECEMBER 2 12590 457	NON-REGISTEREO NUMBER MILK FAT 1 14570 627 2 7915 3S1 5 8898 342 2 8665 356 2 10085 402 6 9853 411 9 8952 346 6 8142 343 6 9257 394 16 8871 406 SS 9062 383	NUMBER MILK FAT  3 11550 474 1 10310 347 5 8116 335 3 8443 287 5 8898 342 4 9905 414 5 10104 404 9 9224 376 11 8890 342 10 7804 319 8 9470 389 18 9284 411	NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT  1 9640 334  1 13470 422 5 10436 390 5 6670 259 1 12720 412 2 9400 307 6 9460 388 21 9377 3SO	NUMBER HILK FAT  1 9640 334  2 9990 329 5 10436 390 5 6670 259 1 12720 412 2 9400 307 6 9460 388
MONTH NUMBER MILK FAT  JANUARY 2 10040 398 FEBRUARY 1 10310 347 MARCH 3 8250 324  APRIL 3 8443 287 MAY JUNE 2 11145 473  JULY 3 10117 406 AUGUST 3 7967 305 SEPTEMBER 2 8610 328  OCTOBER NOVEMBER 2 10110 372 OECEMBER 2 12590 457  YEAR AV. 27 9216 352  CALVING REGISTEREO	NON-REGISTEREO NUMBER MILK FAT  1 14570 627 2 7915 351  S 8898 342 2 8665 356 2 10085 402 6 9853 411 9 8952 346 6 8142 343 6 9257 394 16 8871 406 SS 9062 383  REO OANE NON-REGISTEREO	NUMBER MILK FAT  3 11550 474 1 10310 347 5 8116 335 3 8443 287 5 8898 342 4 9905 414 5 10104 404 9 9224 376 11 8890 342 10 7804 319 8 9470 389 18 9284 411 82 9112 372	NUMBER MILK FAT  1 6510 236  1 6510 236  REGISTEREO	NON-REGISIEREO NUMBER MILK FAT  1 9640 334  1 13470 422 5 10436 390 5 6670 2S9 1 12720 412 2 9400 307 6 9460 388	NUMBER HILK FAT  1 9640 334  2 9990 329 5 10436 390 5 6670 259 1 12720 412 2 9400 307 6 9460 388 22 9247 345
MONTH NUMBER MILK FAT JANUARY FEBRUARY 1 10310 347 MARCH 3 8250 324  APRIL 3 8443 287 MAY JUNE 2 11145 473  JULY 3 10117 406 AUGUST 3 7967 305 SEPTEMBER 2 8610 328  OCTOBER 4 7298 284 NOVEMBER 2 10110 372 OECEMBER 2 12590 457 YEAR AV. 27 9216 352	NON-REGISTEREO NUMBER MILK FAT  1 14570 627 2 7915 351  S 8898 342 2 8665 356 2 10085 402 6 9853 411 9 8952 346 6 8142 343 6 9257 394 16 8871 406 SS 9062 383  REO OANE NON-REGISTEREO	NUMBER MILK FAT  3 11550 474 1 10310 347 5 8116 335 3 8443 287 5 8898 342 4 9905 414 5 10104 404 9 9224 376 11 8890 342 10 7804 319 8 9470 389 18 9284 411 82 9112 372	NUMBER MILK FAT  1 6510 236  1 6510 236  REGISTEREO	NON-REGISIEREO NUMBER MILK FAT  1 9640 334  1 13470 422 S 10436 390 5 6670 259 1 12720 412 2 9400 307 6 9460 388 21 9377 350  REO POLL NON-REGISIEREO	NUMBER HILK FAT  1 9640 334  2 9990 329 5 10436 390 5 6670 259 1 12720 412 2 9400 307 6 9460 388 22 9247 345
MONTH NUMBER MILK FAT  JANUARY 2 10040 398 FEBRUARY 1 10310 347 MARCH 3 8250 324  APRIL 3 8443 287 MAY JUNE 2 11145 473  JULY 3 10117 406 AUGUST 3 7967 305 SEPTEMBER 2 8610 328  OCTOBER 4 7298 284 NOVEMBER 2 10110 372 OECEMBER 2 10110 372 OECEMBER 2 10590 457  YEAR AV. 27 9216 352  CALVING MONTH NUMBER MILK FAT  JANUARY FEBRUARY	NON-REGISTEREO NUMBER MILK FAT  1 14570 627 2 7915 351  S 8898 342 2 8665 356 2 10085 402 6 9853 411 9 8952 346 6 8142 343 6 9257 394 16 8871 406 SS 9062 383  REO OANE NON-REGISTEREO	NUMBER MILK FAT  3 11550 474 1 10310 347 5 8116 335 3 8443 287 5 8898 342 4 9905 414 5 10104 404 9 9224 376 11 8890 342 10 7804 319 8 9470 389 18 9284 411 82 9112 372	NUMBER MILK FAT  1 6510 236  1 6510 236  REGISTEREO	NON-REGISIEREO NUMBER MILK FAT  1 9640 334  1 13470 422 S 10436 390 5 6670 259 1 12720 412 2 9400 307 6 9460 388 21 9377 350  REO POLL NON-REGISIEREO	NUMBER HILK FAT  1 9640 334  2 9990 329 5 10436 390 5 6670 259 1 12720 412 2 9400 307 6 9460 388 22 9247 345
MONTH NUMBER MILK FAT  JANUARY 1 10310 347  MARCH 3 8250 324  APRIL 3 8443 287  MAY 2 11145 473  JULY 3 10117 406  AUGUST 3 7967 305  SEPTEMBER 2 8610 328  OCTOBER 4 7298 284  NOVEMBER 2 10110 372  OECEMBER 2 10110 372  OECEMBER 2 10110 372  OECEMBER 2 1050 352  CALVING NUMBER MILK FAT  JANUARY FEBRUARY MARCH  APRIL  APRIL  MAY	NON-REGISTEREO NUMBER MILK FAT  1 14570 627 2 7915 351  S 8898 342 2 8665 356 2 10085 402 6 9853 411 9 8952 346 6 8142 343 6 9257 394 16 8871 406 SS 9062 383  REO OANE NON-REGISTEREO	NUMBER MILK FAT  3 11550 474 1 10310 347 5 8116 335 3 8443 287 5 8898 342 4 9905 414 5 10104 404 9 9224 376 11 8890 342 10 7804 319 8 9470 389 18 9284 411 82 9112 372	NUMBER MILK FAT  1 6510 236  1 6510 236  REGISTEREO	NON-REGISIEREO NUMBER MILK FAT  1 9640 334  1 13470 422 S 10436 390 5 6670 259 1 12720 412 2 9400 307 6 9460 388 21 9377 350  REO POLL NON-REGISIEREO	NUMBER HILK FAT  1 9640 334  2 9990 329 5 10436 390 5 6670 259 1 12720 412 2 9400 307 6 9460 388 22 9247 345
MONTH NUMBER MILK FAT  JANUARY FEBRUARY HARCH 3 8250 327  APRIL APRIL JUNE 2 11145 473  JULY 3 10117 406 AUGUST SEPTEMBER 2 8610 328  OCTOBER NOVEMBER 2 10110 372 OECEMBER 2 1010 372 OECEMBER 2 1010 372 OECEMBER 2 10110 372 OECEMBER 3 7967 305  CALVING AUGUST YEAR AV. 27 9216 352	NON-REGISTEREO NUMBER MILK FAT  1 14570 627 2 7915 3S1  S 8898 342 2 8665 356 2 10085 402 6 9853 411 9 8952 346 6 8142 343 6 9257 394 16 8811 406 SS 9062 383  REO OANE NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT  3 11550 474 1 10310 347 5 8116 335 3 8443 287 5 8889 342 4 9905 414 5 10104 404 9 9224 376 11 8890 342 10 7804 319 8 9470 389 18 9284 411 82 9112 372  ALL  NUMBER MILK FAT	NUMBER MILK FAT  1 6510 236  1 6510 236  REGISTEREO	NON-REGISIEREO NUMBER MILK FAT  1 9640 334  1 13470 422 S 10436 390 5 6670 259 1 12720 412 2 9400 307 6 9460 388 21 9377 350  REO POLL NON-REGISIEREO	NUMBER HILK FAT  1 9640 334  2 9990 329 5 10436 390 5 6670 259 1 12720 412 2 9400 307 6 9460 388 22 9247 345

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	AYRSHIRE			GUERNSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 5 6060 223 FEBRUARY 5 6144 243 MARCH 5 6402 243		5 6060 223 5 6144 243 5 6402 243	84 7500 341 75 7749 349 48 8522 380	8 7589 309 5 6706 261 8 8880 351	92 7508 338 80 7684 344 56 8573 376
APRIL 2 6265 213 MAY 2 6405 218 JUNE 1 6030 222		2 6265 213 2 6405 218 1 6030 222	56 7695 333 35 7775 338 34 7391 331	2 10475 439 6 9313 404 10 8047 374	58 7791 337 41 8000 347 44 7540 341
JULY 6 5237 186 AUGUST 12 6573 247 SEPTEMBER 16 7128 279	1 4740 178	7 5166 185 12 6573 247 16 7128 279	45 7064 315 74 7254 340 80 7370 348	12 8207 371 19 7812 326 23 7094 303	57 7305 327 93 7368 337 103 7308 338
OCTOBER 4 5658 208 NOVEMBER 5 6716 260	2 880u 388 1 6190 253	6 6705 268 6 6628 259	60 7889 369 62 8413 387	24 9027 399 13 8686 357	84 8214 377 75 8461 382
OECEMBER 9 6540 240 YEAR AV. 72 6442 242	1 6340 254 5 69 <b>74</b> 292	10 6520 241 77 6476 246	63 8287 374 716 7732 351	24 8560 350 154 8231 350	87 8362 367 870 7820 351
CALVING REGISTEREO	HOLSTEIN NON-REGISTEREO	ALL	REGISTEREO	JERSEY NON-REGISTEREO	ALL
MONTH NUMBER MILK FAT  JANUARY 8 11340 404	14 9904 372	22 10426 383	NUMBER MILK FAT 67 8554 431	12 8016 391	79 8472 425
FEBRUARY 1 12290 441 MARCH 3 13043 504	5 7856 299 6 11582 424	6 8595 323 9 12069 451	27 7566 369 23 8716 438	13 8240 382 11 8299 389	40 7785 373 34 8581 422
APRIL 3 13200 422 MAY 10 12915 450 JUNE 12 12520 439	12 8534 330 11 9891 395 24 9135 360	15 9467 348 21 11331 422 36 10263 386	14 8300 423 26 7207 363 28 8038 402	7 7440 365 15 8423 392 20 9449 421	21 8013 404 41 7652 373 48 8626 410
JULY 15 11223 400 AUGUST 23 11601 409 SEPTEMBER 16 11183 395	39 7929 324 68 7759 316 68 8426 338	54 8844 345 91 8730 340 84 8951 349	59 7943 392 81 7089 353 111 6676 338	23 9053 376 71 8147 360 59 7905 342	82 8254 387 152 7583 356 170 7103 340
OCTOBER 14 12729 450 NOVEMBER 18 12741 448 OECEMBER 17 12339 445	73 8738 348 58 8904 350 49 9572 374	87 9380 364 76 9813 373 66 10285 392	97 6927 358 61 7163 371 83 8382 430	63 7653 345 38 7943 353 44 9230 375	160 7213 353 99 7463 364 127 8676 411
YEAR AV. 140 12089 428	427 8691 345	567 9530 365	677 7526 381	376 8258 364	1053 7787 375
CALVING REGISTEREO	BROWN SWISS NON-REGISTERED	ALL	REGISTEREO	M. SHORTHORN NON-REGISTEREO	ALL
MONTH NUMBER MILK FAT		NUMBER MILK FAT		NUMBER MILK FAT	
FEBRUARY 2 5675 209		2 5675 209			
MARCH					
MARCH  APRIL 2 11270 397  MAY 2 8420 325  JUNE 1 6710 286		2 11270 397 2 8420 325 1 6710 286			
APRIL 2 11270 397 MAY 2 8420 325		2 8420 325			
APRIL 2 11270 397 MAY 2 8420 325 JUNE 1 6710 286  JULY 2 8110 327 AUGUST 2 6800 277		2 8420 325 1 6710 286 2 8110 327 2 6800 277			
APRIL 2 11270 397 MAY 2 8420 325 JUNE 1 6710 286  JULY 2 8110 327 AUGUST 2 6800 277 SEPTEMBER 1 6140 215  OCTOBER 5 9988 401 NOVEMBER 2 7665 313		2 8420 325 1 6710 286 2 8110 327 2 6800 277 1 6140 215 5 9988 401 2 7665 313			
APRIL 2 11270 397 MAY 2 8420 325 JUNE 1 6710 286 JULY 2 8110 327 AUGUST 2 6800 277 SEPTEMBER 5 9988 401 NOVEMBER 2 7665 313 OECEMBER 1 9570 402	REO GANE	2 8420 325 1 6710 286 2 8110 327 2 6800 277 1 6140 215 5 9988 401 2 7665 313 1 9570 402		REO POLL	
APRIL 2 11270 397 MAY 2 8420 325 JUNE 1 6710 286  JULY 2 8110 327 AUGUST 2 6800 277 SEPTEMBER 5 9988 401 NOVEMBER 2 7665 313 OECEMBER 1 9570 402 YEAR AV. 20 8412 330	REO OANE NON-REGISTEREO NUMBER MILK FAT	2 8420 325 1 6710 286 2 8110 327 2 6800 277 1 6140 215 5 9988 401 2 7665 313 1 9570 402 20 8412 330	REGISTEREO NUMBER MILK FAT	REO POLL NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
APRIL 2 11270 397 MAY 2 8420 325 JUNE 1 6710 286  JULY 2 8110 327 AUGUST 2 6800 277 SEPTEMBER 5 9988 401 NOVEMBER 2 7665 313 OECEMBER 1 9570 402 YEAR AV. 20 8412 330	NON-REGISTERED	2 8420 325 1 6710 286 2 8110 327 2 6800 277 1 6140 215 5 9988 401 2 7665 313 1 9570 402 20 8412 330		NON-REGISTEREO	
APRIL 2 11270 397 MAY 2 8420 325 JUNE 1 6710 286 JULY 2 8110 327 AUGUST 2 6800 277 SEPTEMBER 5 9988 401 NOVEMBER 2 7665 313 OECEMBER 1 9570 402 YEAR AV. 20 8412 330  CALVING REGISTEREO MONTH NUMBER MILK FAT JANUARY FEBRUARY	NON-REGISTERED	2 8420 325 1 6710 286 2 8110 327 2 6800 277 1 6140 215 5 9988 401 2 7665 313 1 9570 402 20 8412 330		NON-REGISTEREO	
APRIL 2 11270 397 MAY 2 8420 325 JUNE 1 6710 286 JULY 2 8110 327 AUGUST 2 6800 277 SEPTEMBER 1 6140 215 OCTOBER 5 9988 401 NOVEMBER 2 7665 313 OCCEMBER 1 9570 402 YEAR AV. 20 8412 330  CALVING REGISTEREO NUMBER MILK FAT JANUARY FEBRUARY MARCH APRIL MAY	NON-REGISTERED	2 8420 325 1 6710 286 2 8110 327 2 6800 277 1 6140 215 5 9988 401 2 7665 313 1 9570 402 20 8412 330		NON-REGISTEREO	
APRIL 2 11270 397 MAY 2 8420 325 JUNE 1 6710 286  JULY 2 8110 327 AUGUST 2 6800 277 SEPTEMBER 1 6140 215 OCTOBER 5 9988 401 NOVEMBER 2 7665 313 OECEMBER 1 9570 402 YEAR AV. 20 8412 330  CALVING REGISTEREO MONTH NUMBER MILK FAT JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST	NON-REGISTERED NUMBER MILK FAT	2 8420 325 1 6710 286 2 8110 327 2 6800 277 1 6140 215 5 9988 401 2 7665 313 1 9570 402 20 8412 330 ALL NUMBER MILK FAT		NON-REGISTEREO	

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OCTOBER NOVEMBER OECEMBER YEAR AV.

	AYRSHIRE			GUERNSEY	
CALVING REGISTERED	NON-REGISTEREO	ALL	REGISTEREO	NON-REGISTEREO	ALL
MONTH NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT 18 7467 332	NUMBER MILK FAT 12 7793 331	NUMBER MILK FAT 30 7598 332
FEBRUARY MARCH	1 12700 443 1 10840 420	1 12700 443 I 10840 420	12 8504 373 10 8575 363	15 9195 362 21 8714 366	27 8888 367 31 8669 365
APRIL MAY	I 12180 381 I 12030 377	1 12180 381 1 12030 377	9 6011 276 10 8120 358	12 8144 352 11 9046 357	21 7230 319 21 8605 358 19 8332 353
JUNE 1 8940 347 JULY 1 9060 328	1 6190 263 1 14400 506	2 7565 305 2 11730 417	9 9251 391 15 7595 325	10 7505 318 22 8544 316	19 8332 353 37 8159 320
AUGUST 1 8670 310 SEPTEMBER	6 11803 443	I 8670 310 6 II803 443	25 6986 3I3 38 6718 296	23 8739 334 35 7608 308	48 7826 323 73 7145 302
OCTOBER NOVEMBER 1 7590 308 OECEMBER	1 9790 384 1 9470 357 1 11720 442	1 9790 384 2 8530 333 1 11720 442	32 6850 313 22 7670 349 23 7916 352	34 8266 340 22 9091 366 13 10178 374	66 7579 327 44 8380 357 36 8733 360
YEAR AV. 4 8565 323	15 11343 415	19 10758 396	223 7420 329	230 8501 340	453 7969 335
	HOLSTEIN			JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 15 12119 412 FEBRUARY 7 12706 423 MARCH 4 10948 376	24 9968 343 28 8903 304 22 9495 350	39 10795 369 35 9663 328 26 9718 354	28 7105 353 29 6733 339 8 7400 375	2 5500 289 2 8165 382 7 7320 346	30 6998 348 31 6825 342 15 7363 361
APRIL 5 10456 387 MAY 3 12283 383 JUNE 19 10657 355	22 9478 349 23 9743 355 39 9776 350	27 9659 356 26 10036 358 58 10065 352	9 7242 344 12 6291 309 9 6804 344	8 7740 335 19 8541 362 13 7768 327	17 7476 339 31 7670 342 22 7374 334
JULY 24 9792 325	56 8853 323	80 9135 323	18 6296 323	26 9353 353	44 8102 341
AUGUST 53 10525 356 SEPTEMBER 50 10122 351	112 9059 328 83 93 <b>7</b> 5 347	165 9530 337 133 9656 349	30 7127 375 37 6567 324	49 8148 327 71 8036 341	79 7760 345 108 7533 335
OCTOBER 35 10155 350 NOVEMBER 30 10320 349 OECEMBER 29 11295 378	86 9103 336 64 9911 359 62 10061 372	121 9408 340 94 10041 356 91 10454 374	19 7019 358 15 6261 305 17 6452 323	40 7792 333 37 8620 350 22 8714 350	59 7543 341 52 7940 337 39 7728 338
YEAR AV. 274 10575 359	621 9405 342	895 9763 347	231 6763 340	296 8240 341	527 7593 341
	BROWN SWISS			M. SHORTHORN	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER HILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT
JANUARY FEBRUARY MARCH			2 8605 326 9 9092 338		2 8605 326 9 9092 338
APRIL MAY			1 5630 205 5 7550 287		1 5630 205 5 7550 287
JUNE 2 12435 479		2 12435 479	2 7770 304		2 7770 304
JULY 4 10653 419 AUGUST 10 10232 417 SEPTEMBER 1 13500 559		4 10653 419 10 10232 417 1 13500 559	1 5850 288 4 8833 299 5 7792 284	1 3750 139 1 10760 378 3 8380 376	2 4800 214 5 9218 315 8 8013 319
OCTOBER 1 9200 330 NOVEMBER I 8340 374 OECEMBER		I 9200 330 I 8340 374	6 6798 270 2 9290 355 1 7660 285		6 6798 270 2 9290 355 1 7660 285
YEAR AV. 19 [057] 424		19 10571 424	38 8030 302	5 7930 329	43 8018 305
	REO DANE			REO POLL	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO Number milk fat	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY March					
APRIL MAY					

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AYRS	SHIRE		GUERNSEY	
CALVING REGISTEREO NON-R MONTH NUMBER MILK FAT NUMBER	REGISTEREO ALL R MILK FAT NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FE8RUARY MARCH		33 8274 405 25 9044 440 37 8958 421	1 6030 328	34 8208 403 25 9044 440 37 8958 421
APRIL MAY JUNE		24 8769 407 12 8516 405 9 8786 418	1 9460 374	24 8769 407 12 8516 405 10 8853 414
JULY AUGUST September		7 7734 366 22 6873 330 37 8236 376	4 9460 431 1 8150 297	7 7734 366 26 7271 345 38 8234 374
OCTOBER NOVEMBER OECEMBER		15 8713 411 28 8443 397 37 7824 361	2 15015 530 1 7350 344 5 10250 421	17 9455 425 29 8405 396 42 8112 368
YEAR AV.		286 8353 394	15 10007 415	301 8435 395
HOLS	STEIN		JERSEY	
CALVING REGISTEREO NON-R MONTH NUMBER MILK FAT NUMBER	REGISTEREO ALL R MILK FAT NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
FEBRUARY 2 17160 600 1	+ 11463 422 9 10788 383 1 8450 305 3 14257 501 2 11265 393 10 12943 464	28 7241 366 23 7268 357 14 6912 347	2 6835 377 1 10970 351 2 6780 358	30 7214 366 24 7423 356 16 6896 349
APRIL 13 12058 437 MAY 16 12311 453 JUNE 17 11389 416	13 12058 437 16 12311 453 17 11389 416	11 6547 324 14 6076 279 10 6855 364	1 6600 323 1 6560 341 1 7010 385	12 6552 324 15 6108 283 11 6869 366
JULY 21 11136 392 AUGUST 25 11223 390 SEPTEMBER 29 12195 434 1	21 11136 392 25 11223 390 1 13440 488 30 12237 436	13 7374 358 20 7591 384 37 8117 422		13 7374 358 20 7591 384 37 8117 422
OCTOBER 18 11537 410 4 NOVEMBER 14 12591 448 OECEMBER 12 13194 455	4 15365 540 22 12233 434 14 12591 448 12 13194 455	31 7887 414 10 7333 370 19 9098 459	1 13590 500	31 7887 414 10 7333 370 20 9323 461
YEAR AV. 180 11945 425 12	2 12644 452 192 11989 427	230 7526 381	9 7996 374	239 7544 381
8ROWN CALVING REGISTEREO NON-R	REGISTEREO ALL	REGISTEREO	M. SHORTHORN NON-REGISTEREO	ALL
MONTH NUMBER MILK FAT NUMBER JANUARY FEBRUARY MARCH	R MILK FAT NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT
APRIL MAY JUNE				
JULY 1 8220 378 AUGUST	1 8220 378			
SEPTEMBER 1 9740 408 OCTOBER	1 9740 408			
NOVEMBER 1 11540 403 OECEMBER 1 8850 345	1 11540 403 1 8850 345			
YEAR AV. 4 9588 384	4 9588 384			
	OANE		REO POLL	
MONTH NUMBER MILK FAT NUMBER	REGISTEREO ALL R MILK FAT NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT
JANUARY FEBRUARY MARCH				
APRIL May June				
JULY AUGUST September				
OCTOBER NOVEMBER OECEMBER				
YEAR AV.				

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YEAR AV.

AYRSHIRE	GUERNSEY
CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER MILK FAT
JANUARY 3 10310 414 3 10310 414 FEBRUARY 8 10211 389 8 10211 389 MARCH 6 10008 397 6 10008 397	32 8590 402 5 11010 354 37 8917 395 14 9137 420 2 8670 390 16 9079 416 21 8500 404 1 9180 311 22 8531 400
APRIL 4 9815 382 4 9815 382 MAY 3 11533 479 1 10520 397 4 11280 459 JUNE 6 9888 415 6 9888 415	17 8406 396 1 10860 472 18 8543 400 21 7830 368 21 7830 368 24 7848 367 24 7848 367
JULY 6 8318 346 AUGUST 11 9102 370 1 9060 363 12 9098 370 SEPTEMBER 23 9358 384 2 11380 476 25 9520 391	41 8418 393 4 8813 364 45 8453 390 32 7397 345 17 10468 436 49 8462 377 27 7286 346 11 10246 422 38 8143 368
OCTOBER 22 10123 414 2 9830 429 24 10099 415 NOVEMBER 19 10900 430 19 10900 430 OECEMBER 14 9704 392 4 10183 357 18 9811 384	34     7889     377     19     10619     405     53     8867     387       31     8808     412     20     9743     400     51     9175     407       31     8800     414     13     9594     382     44     9034     405
YEAR AV. 125 9894 399 10 10273 400 135 9922 399	325 8214 386 93 10104 403 418 8635 390
HOLSTEIN	JERSEY
CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT
JANUARY 34 13645 483 21 12265 427 55 13118 462 FEBRUARY 27 13756 488 13 12248 449 40 13266 476 MARCH 23 13457 470 15 12826 461 38 13208 467	33 8451 439 1 9360 498 34 8477 441 40 8185 427 3 8790 387 43 8227 424 14 8175 415 1 7850 437 15 8153 416
APRIL 21 13862 478 20 11356 426 41 12640 453 MAY 12 12794 478 20 11351 404 32 11892 431 JUNE 16 13079 467 26 11129 424 42 11872 440	19     7383     380     1     6290     297     20     7328     376       20     7439     362     3     10360     349     23     7820     361       12     6278     323     2     8410     360     14     6583     328
JULY 36 11785 407 49 10710 403 85 11165 404 AUGUST 72 12081 436 94 10724 397 166 11312 414 SEPTEMBER 52 10497 378 155 11388 415 207 11164 406	16     7225     364     11     8523     339     27     7754     354       38     7247     401     33     9482     414     71     8286     407       27     6532     362     27     8779     381     54     7655     371
OCTOBER 86 12581 450 145 10637 408 231 11361 424 NOVEMBER 81 12844 461 133 11513 422 214 12017 437 OECEMBER 56 12734 451 93 10886 400 149 11581 420	34     7428     390     15     8240     335     49     7677     373       21     7042     364     23     10260     401     44     8725     383       20     7756     398     14     9511     377     34     8479     390
YEAR AV. 516 12547 447 784 11143 412 1300 11700 426	294 7510 392 134 9210 383 428 8043 390
BROWN SWISS	M₂ SHORTHORN
BROWN SWISS  CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT	M. SHORTHORN  REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER MILK FAT
CALVING REGISTEREO NON-REGISTEREO ALL	REGISTEREO NON-REGISTEREO ALL
CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT JANUARY FEBRUARY 2 8270 347 2 8270 347	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT 2 9795 374 1 4520 156 2 9795 374
CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT JANUARY FEBRUARY 2 8270 347 2 8270 347  APRIL MAY	REGISTERED NON-REGISTERED ALL NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT 1 4520 156 156 2 7570 255 2 7570 255 4 10678 381
CALVING REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER M	REGISTERED NUMBER MILK FAT 1 4520 156 156 2 7570 255
CALVING REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER NUMBER MILK FAT N	REGISTERED NON-REGISTERED ALL NUMBER MILK FAT 1 4520 156 2 7570 255
CALVING REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER M	REGISTERED NUMBER MILK FAT 1 4520 156 2 7570 255 2 7
CALVING REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER NUMBER MILK FAT N	REGISTERED NON-REGISTERED NUMBER MILK FAT 1 4520 156 2 7570 255 2 75
CALVING REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER M	REGISTERED NUMBER MILK FAT 1 4520 156 2 7570 255 2 7570 25
CALVING REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER M	REGISTERED NON-REGISTERED NUMBER MILK FAT 1 4520 156 2 7570 255 2 75
CALVING REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER M	REGISTERED NON-REGISTERED NUMBER MILK FAT 1 4520 156 2 7570 255 2 75
CALVING REGISTEREO NUMBER MILK FAT NUMBER MILK	REGISTERED NON-REGISTERED NUMBER MILK FAT 1 4520 156 2 7570 255 2 75

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#### 1960 CALVING YEAR

AYRSHIR	a F		GUERNSEY	
CALVING REGISTEREO NON-REGI	ISTEREO ALL	REGISTEREO	NON-REGISTEREO	ALL
MONTH NUMBER MILK FAT NUMBER N	MILK FAT NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	70 9438 409
FE8RUARY 4 9275 366	9375 319 9 8816 333	26 8287 377 35 8270 377	25 10583 412 29 9037 362 16 9503 382	55 8682 369 51 8657 379
MAY 4 9	2085 409 5 10584 384 9553 370 4 9553 370 9337 372 8 8294 319	34 8253 361 38 8011 377 22 8919 397	15 9191 350 6 7248 313 18 10562 388	49 8540 358 44 7907 368 40 9658 393
	7 7730 294 9205 341 19 8125 304 8947 320 17 8925 325	29 8096 372 29 7374 352 35 7734 369	22 10420 388 24 9373 373 26 10382 384	51 9098 379 53 8280 362 61 8863 375
OCTOBER 6 10092 402 9 11 NOVEMBER 3 10023 386 6 11	1002 367	32 8066 383 39 8342 391	32 9704 366 33 11068 413	64 8885 374 72 9591 401
	9834 370 14 9710 365 9795 352 115 9251 342	40 8918 407 404 8272 382	19 11462 410 265 10067 383	59 9737 408 669 8983 383
HOLSTEI	IN		JERSEY	
CALVING REGISTEREO NON-REGI MONTH NUMBER MILK FAT NUMBER M		REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	NUMBER MILK FAT
FEBRUARY 47 13294 469 118 11	1726 409 197 11934 420 1735 413 165 12179 429 1870 423 157 12347 436	177 8176 414 138 8087 416 79 8026 397	8 7376 355 15 7923 381 21 9900 413	185 8141 411 153 8071 412 100 8419 400
MAY 36 13278 482 182 10	1498 410 183 11792 422 0940 398 218 11326 412 0728 399 343 11030 407	89 7844 390 106 8021 401 137 7859 400	38 9613 378 40 9755 377 66 9227 356	127 8373 386 146 8496 395 203 8304 386
JULY 67 12940 466 407 10 AUGUST 139 12314 442 645 10	0530 389 474 10871 400 0247 375 784 10613 387	156 7720 391 226 7810 406	87 9811 385 140 9168 353	243 8469 389 366 8329 386
OCTOBER 106 12673 453 692 10	0564 383 867 10837 392 0646 385 798 10915 394	239 7568 397 197 7596 394	136 9571 361 164 9599 365	375 8295 384 361 8506 381
NOVEMBER 140 12926 461 646 10 OECEMBER 106 12388 440 613 10	0551 385	171 7800 402 191 8502 434	135 9590 375 136 9501 369	306 8590 390 327 8917 406
YEAR AV. 947 12726 454 4744 10	0730 389 5691 11062 400	1906 7898 404	986 9483 368	2892 8439 392
BROWN SWI	ıss		M. SHORTHORN	
CALVING REGISTEREO NON-REGI	ISTEREO ALL	REGISTEREO	NON-REGISTEREO	ALL NUMBER MILK FAT
JANUARY 9 10510 393	MILK FAT NUMBER MILK FAT	NUMBER MILK FAT 3 7260 274	NUMBER MILK FAT	3 7260 274
FEBRUARY 11 9720 354 MARCH 17 11295 430	11 9720 354 17 11295 430	5 8670 324 1 6780 248		5 8670 324 1 -6780 248
MAY 14 11395 429 1 11	0500 396 9 11800 439 1920 435 15 11430 429 1080 457 15 10730 404	1 6110 205	2 10675 401	1 6110 205 2 10675 401
AUGUST 32 10528 402 3 10	1712 419 29 11087 411 0123 382 35 10493 400 0070 371 16 9791 368	2 5665 189 2 5960 225	1 12940 456 4 11148 430	3 8090 278 6 9418 362
OCTOBER 24 9944 379 3 7 NOVEMBER 18 10019 392 2 10	7460 306 27 9668 371 0720 338 20 10089 386	3 5473 191	7 10973 396 1 5990 225	10 9323 334 1 5990 225
OECEMBER 26 9977 379 YEAR AV. 208 10489 397 21 10	26 9977 379 0383 385 229 10479 396	2 6840 249 19 6914 252	3 10623 379 18 10753 395	5 9110 327 37 8782 322
REO OAF	NE		REO POLL	
CALVING REGISTEREO NON-REGI MONTH NUMBER MILK FAT NUMBER I	ISTEREO ALL MILK FAT NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT
JANUARY FEORUARY MARCH				
APRIL MAY				

JUNE

JULY AUGUST SEPTEMBER

OCTOBER NOVEMBER OECEMBER YEAR AV.

MONTANA

#### 1960 CALVING YEAR

	AYRSHIRE			GUERNSEY	
CALVING REGISTERED	NON-REGISTEREO	ALL	REGISTEREO	NON-REGISTEREO	ALL
	NUMBER MILK FAT		NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT
JANUARY 5 11764 48 FEBRUARY 3 11987 45 MARCH 1 9810 39	9	5 11764 488 3 11987 459 1 9810 395	12 8698 456 5 11442 584 13 9531 458		12 8698 456 5 11442 584 13 9531 458
APRIL 1 15880 68 MAY 1 13210 53 JUNE 3 10900 46	3	1 15880 685 1 13210 533 3 10900 466	9 10962 591 5 8374 415 6 9888 504	1 14700 433 1 11460 371	9 10962 591 6 9428 418 7 10113 485
JULY 3 13027 55		3 13027 558	11 8411 423 12 7933 396 6 7792 411	1 8880 337 3 9590 399	12 8450 416 15 8265 397 9 8747 414
SEPTEMBER 1 11300 46  OCTOBER 2 10990 44		1 11300 468	6 7792 411 9 10011 459	3 10657 420 1 12870 445	9 8747 414
NOVEMBER 3 12637 50 OECEMBER		3 12637 509	8 8526 423 10 10249 511	2 11430 373 1 11060 377	10 9107 413 11 10323 499
YEAR AV. 23 12028 49	1 12960 415	24 12067 492	106 9251 465	13 10967 397	119 9439 457
	HOLSTEIN			JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FA	NON-REGISTEREO I NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAI
JANUARY 23 14091 50 FEBRUARY 14 13682 49 MARCH 19 13631 48	29 12886 453	74 13079 459 43 13145 467 56 13124 466	9 8017 433 12 7911 431 6 8673 490		9 8017 433 12 7911 431 6 8673 490
APRÍL 14 16251 52 MAY 17 15199 51	7 36 13097 470 9 42 12961 462	50 13980 486 59 13606 476	4 7115 398 2 8665 455	3 7547 413	7 7300 405 2 8665 455
JULY 19 14276 51	69 12523 450	75 13259 476 88 12901 465	2 8310 429 6 8295 436	7 10827 489 4 9583 440	10 8810 438
AUGUST 25 14509 50 SEPTEMBER 33 14913 53	5 74 13179 465	113 12714 451 107 13714 487	3 6777 407 10 9077 482	2 10690 379 4 11893 461	5 8342 395 14 9881 476
OCTOBER 33 15001 52 NOVEMBER 17 13980 47 OECEMBER 29 14357 50	l 93 12975 470	109 13487 487 110 13130 471 78 13419 473	17 7888 447 11 8775 481 8 8739 501	4 8290 391 3 11370 571 6 8560 392	21 7964 437 14 9331 500 14 8662 454
YEAR AV. 263 14548 51	699 12787 457	962 13269 472	90 8255 455	33 9828 444	123 8677 452
	BROWN SWISS			M. SHORTHORN	
CALVING REGISTERED	NON-REGISTEREO	ALL	REGISTEREO	NON-REGISTEREO	ALL
MONTH NUMBER MILK FA	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT		NUMBER MILK FAT
JANUARY 1 10650 43 FEBRUARY 6 12635 51 MARCH 10 11146 45	4	1 10650 438 6 12635 514 10 11146 457	2 7625 275 6 8738 309		2 7625 275 6 8738 309
APRIL 6 8812 36 MAY 3 10623 47 JUNE 3 10030 40	0	6 8812 363 3 10623 470 3 10030 409	3 7373 271 2 6525 260 1 4790 200		3 7373 271 2 6525 260 1 4790 200
JULY 3 8470 35 AUGUST 12 9869 41 SEPTEMBER 5 8896 35		3 8470 350 12 9869 410 6 9192 388	3 6913 272 6 7733 302 5 6980 307		3 6913 272 6 7733 302 5 6980 307
OCTOBER 12 10701 45 NOVEMBER 11 11713 48 OECEMBER 4 11240 49	1 11780 455	13 10615 443 12 11718 479 4 11240 491	5 7296 302 2 7695 312 3 8753 337		5 7296 302 2 7695 312 3 8753 337
YEAR AV. 76 10569 43		79 10574 439	38 7574 296		38 7574 296
CALUTRO	REO DANE		0501075050	REO POLL	
	NON-REGISTEREO T NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH					

MARCH APRIL MAY JUNE

JULY AUGUST SEPTEMBER

OCTOBER NOVEMBER OECEMBER

YEAR AV.

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#### 1960 CALVING YEAR

		AYRSHIRE			GUERNSEY	
CALVING MONTH	REGISTERED NUMBER MILK FAT	NDN-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH	1 9850 395 5 12458 489 4 12393 471	2 8825 322 2 11935 440	3 9167 346 7 12309 475 4 12393 471	84 9310 444 72 9400 453 96 9900 461	13 11851 492 10 10269 456 13 10278 463	97 9650 450 82 9506 453 109 9945 462
APRIL MAY JUNE	1 11930 459 2 10980 428 2 9105 382		1 11930 459 2 10980 428 2 9105 382	61 9431 439 72 9487 445 43 8916 434	23 10315 463 15 9769 444 23 10523 435	84 9673 446 87 9536 445 66 9476 434
JULY AUGUST SEPTEMBER	1 12360 457 1 12880 542 2 9700 380	2 11595 435	1 12360 457 3 12023 470 2 9700 380	76 8890 420 45 8710 423 73 8542 404	8 12009 493 19 11244 492 28 10510 443	84 9187 427 64 9463 444 101 9088 415
DCTD8ER NDVEM8ER DECEM8ER	1 9980 404 3 10190 410		1 9980 404 3 10190 410	59 9104 430 63 8960 431 64 9573 455	25 10261 445 15 10783 443 23 10849 462	84 9448 434 78 9311 434 87 9910 457
YEAR AV.	23 11261 443	6 10785 399	29 11162 434	808 9228 438	215 10642 457	1023 9525 442
		HOLSTEIN			JERSEY	
CALVING MONTH	REGISTERED NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH	142 14513 513 111 14143 500 142 14656 520	130 13709 502 101 13862 504 152 14185 512	272 14129 507 212 14009 502 294 14413 516	90 9031 473 86 9056 483 75 9072 472	13 9677 501 14 10482 501 18 9423 476	103 9113 476 100 9256 486 93 9140 473
APRIL MAY JUNE	99 14279 502 112 14119 505 93 14194 514	112 13869 503 113 13043 496 137 13036 489	211 14062 502 225 13578 500 230 13504 499	59 8456 440 65 8803 464 39 8524 459	14 10747 494 16 10596 473 13 9717 448	73 8896 450 81 9157 466 52 8822 456
JULY AUGUST SEPTEMBER	106 13618 497 106 13750 503 117 13464 493	128 12931 483 158 13085 491 199 13108 489	234 13243 489 264 13352 496 316 13240 490	52 8135 433 67 7785 424 51 8478 459	17 9762 450 32 9728 456 26 10607 450	69 8536 437 99 8413 434 77 9197 456
DCTDBER	125 14386 521	210 13146 497	335 13609 506	52 8518 467	17 10749 488	69 9067 472
NOVEMBER DECEMBER	147 14635 527 112 14918 533	230 13319 496 202 13241 493	377 13832 508 314 13839 507	64 8761 474 61 8859 473	27 10512 463 22 11185 486	91 9281 471 83 9476 477
YEAR AV.	1412 14252 511	1872 13345 496	3284 13735 502	761 8668 462	229 10280 471	990 9041 464
		BRDWN SWISS			M. SHORTHORN	
CALVING	REGISTERED	NON-REGISTERED	ALL	REG1STERED	NON-REGISTERED	ALL
MDNTH	NUMBER MILK FAT 4 1147D 494	NUMBER MILK FAT	NUMBER MILK FAT 4 11470 494	NUMBER MILK FAT 5 8714 335	NUMBER MILK FAT	NUMBER MILK FAT 5 8714 335
FEBRUARY MARCH			4 10113 429 6 10387 426	11 8697 325 4 11130 422		11 8697 325 4 11130 422
APRIL MAY JUNE	6 10585 439 5 11536 467 3 10753 435	2 6370 345	6 10585 439 5 11536 467 5 9000 399	4 8843 311 3 8877 350 2 9480 339	1 8850 330	5 8844 315 3 8877 350 2 9480 339
JULY AUGUST SEPTEMBER	10 10783 450 4 10733 444 R 10 10272 416	2 883D 359 1 1361D 470	10 10783 450 6 10098 415 11 10575 421	4 8253 302 5 9158 341 5 8858 336		4 8253 302 5 9158 341 5 8858 336
DCTD8ER	5 11428 428	1 13010 410	5 11428 428	2 7375 295		2 7375 295
NDVEMBER DECEMBER	7 10924 457 5 11230 462	1 10890 404	7 10924 457 6 11173 453	5 9640 366		5 9640 366
YEAR AV.	69 10802 443	6 9150 380	75 10670 438	50 9015 338	1 8850 330	51 9012 338
		050 04::5			050 5011	
		RED DANE		0.501.57555	RED POLL	
MONTH	REGISTERED NUMBER MILK FAT	NDN-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT
JANUARY FEBRUARY MARCH						
APRIL						

JULY AUGUST SEPTEMBER

OCTOBER NOVEMBER DECEMBER

YEAR AV.

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	AYRSHIRE			GUERNSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH			2 9200 404 2 8145 371 1 8710 432	I 13380 424 I 9730 421	3 10593 410 2 8145 371 2 9220 427
APRIL MAY 3 7563 282 JUNE 1 10400 354		3 7563 282 1 10400 354	1 9790 431 2 8695 431	I 13070 473 I 8860 393	1 9790 431 3 10153 445 1 8860 393
JULY 1 7700 304 AUGUST SEPTEMBER		1 7700 304		1 12860 432 1 12880 460	1 12860 432 1 12880 460
OCTOBER NOVEMBER OECEMBER			2 9190 437		2 9190 437
YEAR AV. 5 8158 301		5 B158 30I	10 8896 415	6 11797 434	16 9984 422
	HOLSTEIN			JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO Number milk fat	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 13 15320 540 FEBRUARY 13 13968 453 MARCH 7 14023 483	6 12592 439 2 12805 385 7 13419 445	19 14458 508 15 13813 444 14 13721 464			
APRIL 9 13351 477 MAY 9 13903 472 JUNE 15 14247 501	4 13245 462	13 12927 460 13 13701 469 16 14279 500			
JULY 14 12311 439 AUGUST 20 13339 463 SEPTEMBER 10 14150 512	1 9270 393 6 12675 460 4 13830 464	15 12109 436 26 13186 462 14 14059 498			
OCTOBER 9 15341 545 NOVEMBER 11 15597 535 OECEMBER 16 15423 516		11 15293 532 17 14482 503 20 14882 502			
YEAR AV. 146 14212 493	47 12915 445	193 13896 481			
	BROWN SWISS			M. SHORTHORN	
	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO Number milk fat	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY 1 12940 503 MARCH I 11740 541		1 12940 503 1 11740 541			
APRIL MAY JUNE			1 9140 344		1 9140 344
JULY AUGUST SEPTEMBER					
OCTOBER NOVEMBER GECEMBER					
YEAR AV. 2 12340 522		2 12340 522	1 9140 344		1 9140 344
YEAR AV. 2 12340 522	REO OANE	2 12340 522	1 9140 344	REO POLL	1 9140 344
CALVING REGISTEREO	REO OANE NON-REGISTEREO NUMBER MILK FAT	ALL	REGISTEREO	REO POLL NON-REGISTEREO NUMBER MILK FAT	ALL
CALVING REGISTEREO	NON-REGISTEREO	ALL	REGISTEREO	NON-REGISTEREO	ALL
CALVING REGISTEREO MONTH NUMBER MILK FAT JANUARY FEBRUARY	NON-REGISTEREO	ALL	REGISTEREO	NON-REGISTEREO	ALL
CALVING REGISTEREO MONTH NUMBER MILK FAT JANUARY FEBRUARY MARCH APRIL MAY	NON-REGISTEREO	ALL	REGISTEREO	NON-REGISTEREO	ALL
CALVING REGISTEREO MONTH NUMBER MILK FAT JANUARY FEBRUARY MARCH APRIL MAY JUNE JUNE JULY AUGUST	NON-REGISTEREO	ALL	REGISTEREO	NON-REGISTEREO	ALL

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#### 1960 CALVING YEAR

CALVING	AYRSHIRE		0501675060	GUERNSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT		REGISTERED NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 9 11740 469 FEBRUARY 9 10526 413 MARCH 6 11243 424	1 11870 416	9 11740 469 10 10660 414 6 11243 424	15 8403 413 18 9705 463 19 8682 413	2 7925 409 2 9720 452 1 7740 384	17 8347 413 20 9707 462 20 8635 411
APRIL 6 10130 413 MAY 9 9256 357 JUNE 10 9375 369	9260 374	6 10130 413 9 9256 357 11 9365 369	17 9167 434 16 7906 364 16 9055 437	5 10508 475 8 8966 385 11 8845 390	22 9472 443 24 8260 371 27 8970 418
JULY 9 9523 403 AUGUST 17 9354 396 SEPTEMBER 12 10385 430		9 9523 403 17 9354 396 12 10385 430	40 8451 413 33 8618 415 26 7950 401	9 9599 449 9 8320 380 7 8896 407	49 8662 419 42 8555 408 33 8150 402
OCTOBER 13 8938 372 NOVEMBER 8 8939 369 OECEMBER 9 9468 371		13 8938 372 8 8939 369 9 9468 371	32 8907 446 36 9672 464 30 8815 431	5 11838 466 4 11608 485 7 10647 405	37 9303 449 40 9865 466 37 9162 426
YEAR AV. 117 9812 397	2 10565 395	119 9824 397	298 8791 427	70 9547 418	368 8935 425
	HOLSTEIN			JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT		ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT
JANUARY 79 13543 478 FEBRUARY 72 13716 475 MARCH 107 13277 460	18 14099 488 14 13389 455 15 13627 480	97 13646 480 86 13663 472 122 13320 462	22 7582 390 18 8001 422 26 8210 426	5 8740 483 3 8627 487	27 7796 407 21 8090 431 26 8210 426
APRIL 82 13691 490 MAY 58 12815 458 JUNE 64 13178 471	9 13750 476 26 13731 479 40 13310 485	91 13697 488 84 13099 464 104 13229 476	16 8051 425 18 7841 427 13 7013 356	2 10795 427	16 8051 425 20 8137 427 13 7013 356
JULY 99 12338 440 AUGUST 104 13090 465 SEPTEMBER 85 13305 491	52 12813 473 46 13342 492 61 13279 489	151 12502 451 150 13167 473 146 13294 490	20 7844 401 20 7166 388 42 7932 423	1 15700 587 3 10690 424 1 10070 537	21 8218 410 23 7626 392 43 7982 426
OCTOBER 78 13417 483 NOVEMBER 79 13922 510 OECEMBER 76 14632 531	56 13381 503 39 13687 501 54 13827 510	134 13402 491 118 13845 507 130 14298 522	25 7958 440 22 8792 487 14 7924 459	6 9523 493 3 11833 430 8 10048 454	31 8261 450 25 9157 480 22 8696 457
YEAR AV. 983 13387 478	430 13439 490	1413 13403 482	256 7899 422	32 10063 469	288 8139 427
CALVING REGISTERED	8ROWN SWISS NON-REGISTERED	ALL	REGISTEREO	M. SHORTHORN NON-REGISTERED	ALL
MONTH NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT
JANUARY 14 11083 458 FEBRUARY 15 12447 511 MARCH 19 11818 487		14 11083 458 15 12447 511 19 11818 487	2 6365 234 3 9723 349		2 6365 234 3 9723 349
APRIL 27 11745 479		27 11745 479	1 9920 334		1 9920 334
MAY 21 11628 477 JUNE 14 12324 521	1 12540 518	22 11669 479 14 12324 521	1 4980 159 1 9800 350		1 4980 159 1 9800 350
JULY 19 11418 461 AUGUST 25 11134 473		19 11418 461 25 11134 473	4 7153 282		4 7153 282
SEPTEMBER 12 10578 451 OCTOBER 26 11290 502	1 16890 693	13 11063 470	1 8940 366 5 7086 285	1 17700 596	1 8940 366 6 8855 337
NOVEMBER 10 11531 488 OECEMBER 21 12742 537		10 11531 488 21 12742 537	4 10053 382		4 10053 382
YEAR AV. 223 11654 488	2 14715 606	225 11682 489	22 8172 309	1 17700 596	23 8587 322
	REO OANE			RED POLL	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED Number milk fat	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH					
APRIL MAY JUNE					
JUNE					

JULY AUGUST SEPTEMBER

OCTOBER NOVEMBER OECEMBER

YEAR AV.

NEW MEXICO B5

AYRSHIRE	GUERNSEY
CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT
JANUARY FEBRUARY MARCH	40 9744 456 37 10244 482 19 9525 432 1 7710 372 20 9435 429
APRIL MAY JUNE	14     9887     456     1     13700     600     15     10141     465       23     10297     474     2     12770     577     25     10494     482       31     9416     449     1     8700     425     32     9393     449
JULY AUGUST SEPTEMBER	35 9603 465 2 8960 414 37 9569 462 38 9187 439 3 8627 440 41 9146 439 41 9040 430 41 9040 430
OCTOBER NOVEMBER OCCEMBER	35 8817 432 2 9555 474 37 8856 434 50 9270 451 1 9490 486 51 9275 452 30 9375 439 2 11015 544 32 9478 446
YEAR AV.	393 9481 450 15 10005 481 408 9500 451
HOLSTEIN	JERSEY
CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT	REGISTEREO NON-REGISTEREO ALL Number milk fat number milk fat number milk fat
JANUARY 1 10280 381 1 10280 381 FEBRUARY 2 14860 457 2 11910 404 4 13385 430 MARCH 7 12360 461 7 12360 461	12 8044 421 12 8044 421 13 8448 417 13 8448 417 10 8237 406 10 8237 406
APRIL 11 14307 504 11 14307 504 MAY 11 14695 497 11 14695 497 JUNE 4 13148 454 2 16535 623 6 14277 510	11 8934 436 11 8934 436 11 9005 471 11 9005 471 7 7909 425 1 9520 456 8 8110 429
JULY 8 13056 425 5 11616 438 13 12502 430 AUGUST 27 12794 449 4 12963 555 31 12815 462 SEPTEMBER 14 14840 532 14 14840 532	21 7301 389 23 7495 380 2 7810 404 25 7520 382 18 7622 400 1 9200 432 19 7705 401
OCTOBER 14 13211 451 2 13705 505 16 13273 458 NOVEMBER 5 11206 419 2 11120 485 7 11181 438 OECEMBER 12 13323 494 2 16155 604 14 13727 510	16 8068 409 1 7740 370 17 8048 407 27 7143 365 27 7143 365 11 8708 441 1 1 8708 441
YEAR AV. 116 13419 471 19 13094 508 135 13373 476	180 7900 405 5 8416 413 185 7914 405
BROWN SWISS	M. SHORTHORN
CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT	REGISTEREO NON-REGISTEREO ALL Number milk fat number milk fat number milk fat
JANUARY FEBRUARY MARCH	
APRIL MAY JUNE 1 13840 708 1 13840 708	
JULY 2 7980 338 2 7980 338 AUGUST 4 8568 362 4 8568 362	
SEPTEMBER 1 7330 323 1 7330 323  OCTOBER NOVEMBER	
OECEMBER YEAR AV. 8 8925 394 8 8925 394	
REO CANE	REO POLL
CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER MILK FAT
JANUARY FEBRUARY MARCH	
APRIL MAY JUNE	
JULY AUGUST SEPTEMBER	
OCTOBER NOVEMBER OECEMBER	
YEAR AV.	

ARIZONA 86

YEAR AV.

		AYRSHIRE			GUERNSEY	
CALVING RE	GISTERED R MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-RCGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH	1 10270 419	1 13520 456 2 11365 473	1 13520 456 1 10270 419 2 11365 473	12 10984 529 19 11137 523 16 10481 488	11 12111 472 5 11000 449 8 12418 465	23 11523 502 24 11108 508 24 11127 480
APRIL YAM JUNE				9 11108 507 20 10251 457 7 9946 450	4 11763 446 4 9698 435 3 12733 454	13 11309 488 24 10159 453 10 10782 452
JULY AUGUST SEPTEMBER				19 9982 474 14 10044 492 13 10433 489	6 10565 458 11 12218 474 7 11266 453	25 10122 470 25 11001 484 20 16725 477
	2 11245 4 <b>7</b> 0 1 12420 469		2 11245 470 1 12420 469	12 9996 474 10 10155 473 22 10338 501	4 11505 446 10 10831 404 13 13298 502	16 10373 467 20 10493 439 35 11438 501
YEAR AV.	4 11295 457	3 12083 467	7 11633 461	173 10408 489	86 11808 460	259 10873 480
		HOLSTEIN			JERSEY	
	GISTERED R MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUM8CR MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
FEBRUARY 2	3 14013 483 8 12671 445 8 12701 437	67 13416 482 55 13713 487 52 13464 480	100 13613 483 83 13361 473 80 13197 465	4 9975 523 6 9592 503 6 7937 398	1 10490 458 1 9150 397 1 8190 450	5 10078 510 7 9529 488 7 7973 405
MAY 2	9 13543 472 1 13658 477 2 13815 458	28 13964 498 72 13770 507 99 13691 500	37 13861 492 93 13744 500 121 13713 492	2 8245 451 5 8352 425 2 7740 366	2 14145 498 9 10527 407	2 8245 451 7 10007 445 11 10020 400
AUGUST 4	8 12858 439 8 12860 446 5 13490 478	155 13458 490 139 12925 473 168 13212 472	203 13316 478 187 12908 466 223 13280 473	4 7893 347 3 9730 448 8 7006 370	24 10191 398 27 10074 397 27 9819 384	28 9863 391 30 10040 402 35 9176 380
OCTOBER 4 NOVEMBER 6	8 13669 474 4 14734 525 8 15135 528	107 13068 474 119 13187 482 134 13841 505	155 13254 474 183 13728 497 192 14232 512	8 7453 381 11 6709 373 8 10160 472	25 10130 409 10 10818 425 18 11742 442	33 9481 402 21 8666 398 26 11255 451
	2 13720 478	1195 13402 486	1657 13491 484	67 8214 416	145 10382 407	212 9696 410
		BROWN SWISS			M. SHORTHORN	
	GISTERED R MILK FAT	NON-REGISTERED	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	M. SHORTHORN  NON-KEGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
MONTH NUMBE JANUARY FEBRUARY		NON-REGISTERED			NON-KEGISTEREO	
MONTH NUMBE  JANUARY FEBRUARY MARCH  APRIL MAY	R MILK FAT	NON-REGISTERED	NUMBER MILK FAT 1 13860 549		NON-KEGISTEREO	
MONTH NUMBE JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY	R MILK FAT 1 13860 549 2 14030 472	NON-REGISTERED	NUMBER MILK FAT 1 13860 549 2 14030 472		NON-KEGISTEREO NUMBER MILK FAT	NUMBER MILK FAT
MONTH NUMBE  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JUNE  JULY AUGUST SEPTEMBER	R M1LK FAT  1 13860 549 2 14030 472 2 12645 506	NON-REGISTERED NUMBER MILK FAT	1 13860 549 2 14030 472 2 12645 506 1 10020 368 1 14770 480		NON-KEGISTEREO NUMBER MILK FAT 1 12950 392 2 12450 466 2 17025 617	1 12950 392 2 12450 466 2 17025 617
MONTH NUMBE  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST SEPTEMBER OCTOBER ROYEMBER	R M1LK FAT  1 13860 549 2 14030 472 2 12645 506	NON-REGISTERED NUMBER MILK FAT	1 13860 549 2 14030 472 2 12645 506 1 10020 368		NON-KEGISTEREO NUMBER MILK FAT  1 12950 392  2 12450 466 2 17025 617 1 13660 492	1 12950 392 2 12450 466 2 17025 617 1 13660 492
MONTH NUMBE  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER	R M1LK FAT  1 13860 549 2 14030 472 2 12645 506	NON-REGISTERED NUMBER MILK FAT	1 13860 549 2 14030 472 2 12645 506 1 10020 368 1 14770 480		NON-KEGISTEREO NUMBER MILK FAT 1 12950 392 2 12450 466 2 17025 617	1 12950 392 2 12450 466 2 17025 617
MONTH NUMBE  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER	MILK FAT  1 13860 549 2 14030 472 2 12645 506 1 10020 368	NON-REGISTERED NUMBER MILK FAT	1 13860 549 2 14030 472 2 12645 506 1 10020 368 1 14770 480 2 8950 354		NON-KEGISTEREO NUMBER MILK FAT  1 12950 392 2 12450 466 2 17025 617 1 13660 492 1 12350 470	1 12950 392 2 12450 466 2 17025 617 1 13660 492 1 12350 470
MONTH NUMBE  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST SEPTEMBER OCTOBER ROVEMBER DECEMBER YEAR AV.	MILK FAT  1 13860 549 2 14030 472 2 12645 506 1 10020 368 6 12872 479	NON-REGISTERED NUMBER MILK FAT  1 14770 480 2 8950 354 3 10890 396	NUMBER MILK FAT  1 13860 549 2 14030 472 2 12645 506 1 10020 368 1 14770 480 2 8950 354 9 12211 451	NUMBER MILK FAT	NON-KEGISTEREO NUMBER MILK FAT  1 12950 392 2 12450 466 2 17025 617 1 13660 492 1 12350 470 7 13987 503	NUMBER MILK FAT  1 12950 392  2 12450 466 2 17025 617 1 13660 492 1 12350 470 7 13987 503
MONTH NUMBE  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST SEPTEMBER OCTOBER ROVEMBER DECEMBER YEAR AV.	MILK FAT  1 13860 549 2 14030 472 2 12645 506 1 10020 368 6 12872 479	NON-REGISTERED NUMBER MILK FAT  1 14770 480 2 8950 354 3 10890 396  REO OANE NON-REGISTERED	NUMBER MILK FAT  1 13860 549 2 14030 472 2 12645 506 1 10020 368 1 14770 480 2 8950 354 9 12211 451	NUMBER MILK FAT	NON-KEGISTEREO NUMBER MILK FAT  1 12950 392  2 12450 466 2 17025 617 1 13660 492 1 12350 470 7 13987 503  KEL POLL NON-REGISTEREO	NUMBER MILK FAT  1 12950 392  2 12450 466 2 17025 617 1 13660 492 1 12350 470 7 13987 503
MONTH NUMBE  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JUNE  JULY AUGUST SEPTEMBER  OCCOBER NOVEMBER DECEMBER VEAR AV.  CALVING RE MONTH NUMBE  JANUARY FEBRUARY	MILK FAT  1 13860 549 2 14030 472 2 12645 506 1 10020 368 6 12872 479	NON-REGISTERED NUMBER MILK FAT  1 14770 480 2 8950 354 3 10890 396  REO OANE NON-REGISTERED	NUMBER MILK FAT  1 13860 549 2 14030 472 2 12645 506 1 10020 368 1 14770 480 2 8950 354 9 12211 451	NUMBER MILK FAT	NON-KEGISTEREO NUMBER MILK FAT  1 12950 392  2 12450 466 2 17025 617 1 13660 492 1 12350 470 7 13987 503  KEL POLL NON-REGISTEREO	NUMBER MILK FAT  1 12950 392  2 12450 466 2 17025 617 1 13660 492 1 12350 470 7 13987 503
MONTH NUMBE  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST SEPTEMBER  OCTOBER NOVEMBER DECEMBER YEAR AV.  CALVING MONTH NUMBE  JANUARY FEBRUARY MARCH  APRIL MAY JUNE  JULY JULY AUGUST	MILK FAT  1 13860 549 2 14030 472 2 12645 506 1 10020 368 6 12872 479	NON-REGISTERED NUMBER MILK FAT  1 14770 480 2 8950 354 3 10890 396  REO OANE NON-REGISTERED	NUMBER MILK FAT  1 13860 549 2 14030 472 2 12645 506 1 10020 368 1 14770 480 2 8950 354 9 12211 451	NUMBER MILK FAT	NON-KEGISTEREO NUMBER MILK FAT  1 12950 392  2 12450 466 2 17025 617 1 13660 492 1 12350 470 7 13987 503  KEL POLL NON-REGISTEREO	NUMBER MILK FAT  1 12950 392  2 12450 466 2 17025 617 1 13660 492 1 12350 470 7 13987 503
MONTH NUMBE JANUARY FEBRUARY MARCH APRIL JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER DECEMBER VEAR AV.  CALVING MONTH NUMBE JANUARY FEBRUARY FEBRUARY MARCH APRIL MAY JUNE JULY	MILK FAT  1 13860 549 2 14030 472 2 12645 506 1 10020 368 6 12872 479	NON-REGISTERED NUMBER MILK FAT  1 14770 480 2 8950 354 3 10890 396  REO OANE NON-REGISTERED	NUMBER MILK FAT  1 13860 549 2 14030 472 2 12645 506 1 10020 368 1 14770 480 2 8950 354 9 12211 451	NUMBER MILK FAT	NON-KEGISTEREO NUMBER MILK FAT  1 12950 392  2 12450 466 2 17025 617 1 13660 492 1 12350 470 7 13987 503  KEL POLL NON-REGISTEREO	NUMBER MILK FAT  1 12950 392  2 12450 466 2 17025 617 1 13660 492 1 12350 470 7 13987 503

UTAH 87

AY	RSHIRE		GUERNSEY	
	-REGISTEREO ALL ER MILK FAT NUMBER MILK FA	KEGISTEREO I NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 5 9766 357 FEBRUARY 3 8620 324 MARCH 6 11527 428	5 9766 35 3 8620 324 1 17870 542 7 12433 444	4 16 8978 429	14 8545 382 14 10049 424 16 9134 395	34 8460 389 30 9478 427 34 9023 413
APRIL 3 10247 412 MAY 2 8990 386 JUNE 2 12735 466	2 9945 371 5 10126 399 2 12535 492 4 10763 439 2 12735 460	9 18 8896 420	14 9331 385 12 12184 461 27 11410 446	37 9202 406 30 10211 436 40 9960 411
JULY 2 11350 444 AUGUST SEPTEMBER 3 8143 320	2 11350 444 3 8143 326	23 9177 446	30 11341 446 21 11026 437 21 12019 474	50 10390 439 44 10060 442 40 10119 435
OCTOBER NOVEMBER OECEMBER 1 8010 337	1 8010 33	24 9172 442 22 9770 465 7 23 9309 434	24 10824 434 45 12621 474 32 13058 507	48 9998 438 67 11685 471 55 11490 476
YEAR AV. 27 10118 387	5 12566 453 32 10500 393	7 239 8889 423	270 11337 448	509 10188 437
но	LSTEIN		JERSEY	
	-REGISTEREO ALL ER MILK FAT NUMBER MILK FA	REGISTERED I NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
FEBRUARY 117 14894 538 2	47 13535 478 390 13864 493 00 13447 474 317 13981 498 09 13420 476 313 13703 48	23 8317 415	7 8826 429 4 8793 425 6 9602 494	44 8267 420 27 8388 417 29 9002 461
MAY 111 13749 497 2	85 13381 469 280 13678 484 28 13472 478 339 13563 484 15 12969 472 504 13008 475	36 7883 416	6 9027 438 19 12114 499 40 11259 453	27 8212 423 55 9344 445 72 9821 435
AUGUST 175 13559 501 6	24 12627 466 701 12775 47 28 12607 468 803 12815 47 47 13001 478 828 13211 48	5 42 7367 376	59 10370 428 75 10221 419 56 10942 447	88 9176 405 117 9197 404 105 9177 419
NOVEMBER 146 14736 538 5	68 13361 490 857 13605 49° 89 13542 495 735 13779 50° 83 13684 498 619 13893 50°	4 39 7980 428	73 12111 450 65 12132 467 55 12958 502	117 10692 444 104 10575 453 91 11149 477
YEAR AV. 1663 14107 513 50	23 13184 480 6686 13414 488	8 411 7885 412	465 11324 453	876 9711 433
SROW	N SWISS		M. SHORTHORN	
	-REGISTEREO ALL	REGISTEREO	NON-KEGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
	ER MILK FAT NUMBER MILK FA	NUMBER MILK FAT	MONOEK MICK TAI	
MONTH NUMBER MILK FAT NUMB  JANUARY FEBRUARY 2 15005 576 MARCH 1 9300 332	ER MILK FAT NUMBER MILK FA 2 15005 57 1 9300 33:	6	NOROEK HIEK PAT	
MONTH NUMBER MILK FAT NUMB  JANUARY FEBRUARY 2 15005 576	2 15005 576	6 2 3 2		l 18060 592 4 12243 477
MONTH NUMBER MILK FAT NUMB  JANUARY FEBRUARY 2 15005 576 MARCH 1 9300 332  APRIL MAY JUNE  JULY 1 6960 247	2 15005 57. 1 9300 33. 1 10530 413	6 2 3 2 5 6 8	1 18060 592	
MONTH NUMBER MILK FAT NUMB  JANUARY FEBRUARY 2 15005 576 MARCH 1 9300 332  APRIL MAY JUNE  JULY 1 6960 247 AUGUST	2 15005 57. 1 9300 33. 1 10530 413 1 10530 41: 1 13170 542 1 13170 54: 6 13683 470 6 13683 47: 6 14162 516 7 13133 47: 11 15199 564	6 2 2 3 3 4 4 6 5 2 2 3 3 3 4 4 6 5 2 2 3 3 5 5 6 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	1 18060 592 4 12243 477 3 13037 491 3 14197 529	4 12243 477 3 13037 491 3 14197 529
MONTH NUMBER MILK FAT NUMB  JANUARY FEBRUARY 2 15005 576 MARCH 1 9300 332  APRIL MAY JUNE  JULY 1 6960 247 AUGUST SEPTEMBER  OCTOBER NOVEMBER GECEMBER	2 15005 57. 1 9300 33. 1 10530 413	6 2 2 3 3 4 4 6 5 2 2 3 3 9 9	1 18060 592 4 12243 477 3 13037 491 3 14197 529 2 16010 575 2 13610 532 4 13163 509	4 12243 477 3 13037 491 3 14197 529 2 16010 575 2 13610 532 4 13163 509
MONTH NUMBER MILK FAT NUMB  JANUARY FEBRUARY 2 15005 576 MARCH 1 9300 332  APRIL MAY JUNE  JULY 1 6960 247 AUGUST SEPTEMBER  OCTOBER NOVEMBER OECEMBER YEAR AV. 4 11568 433	2 15005 57. 1 9300 33. 1 10530 413	6 2 2 3 3 4 4 6 5 2 2 3 3 9 9	1 18060 592 4 12243 477 3 13u37 491 3 14197 529 2 16010 575 2 13610 532 4 13163 509 1 11610 450	4 12243 477 3 13037 491 3 14197 529 2 16010 575 2 13610 532 4 13163 509 1 11610 450
MONTH NUMBER MILK FAT NUMB  JANUARY FEBRUARY 2 15005 576 MARCH 1 9300 332  APRIL MAY JUNE  JULY 1 6960 247 AUGUST SEPTEMBER  OCTOBER NOVEMBER OECEMBER YEAR AV. 4 11568 433	2 15005 57. 1 9300 33. 1 10530 413	6 2 2 3 3 4 4 6 5 2 3 3 9 9 1 REGISTEREO	1 18060 592 4 12243 477 3 13037 491 3 14197 529 2 16010 575 2 13610 532 4 13163 509 1 11610 450 20 13612 513	4 12243 477 3 13037 491 3 14197 529 2 16010 575 2 13610 532 4 13163 509 1 11610 450 20 13612 513
MONTH NUMBER MILK FAT NUMB  JANUARY FEBRUARY 2 15005 576 MARCH 1 9300 332  APRIL MAY JUNE  JULY 1 6960 247 AUGUST SEPTEMBER OCTOBER NOVEMBER GECEMBER YEAR AV. 4 11568 433	2 15005 57. 1 9300 33. 1 10530 413	6 2 2 3 3 4 4 6 5 2 3 3 9 9 1 REGISTEREO	1 18060 592 4 12243 477 3 13037 491 3 14197 529 2 16010 575 2 13610 532 4 13163 509 1 11610 450 20 13612 513 REO POLL	4 12243 477 3 13037 491 3 14197 529 2 16010 575 2 13610 532 4 13163 509 1 11610 450 20 13612 513
MONTH NUMBER MILK FAT NUMB  JANUARY FEBRUARY 2 15005 576 MARCH 1 9300 332  APRIL MAY JUNE  JULY 1 6960 247 AUGUST SEPTEMBER OCTOBER NOVEMBER OCTOBER NOVEMBER VEAR AV. 4 11568 433  RE  CALVING MCNTH NUMBER MILK FAT NUMB JANUARY FEBRUARY	2 15005 57. 1 9300 33. 1 10530 413	6 2 2 3 3 4 4 6 5 2 3 3 9 9 1 REGISTEREO	1 18060 592 4 12243 477 3 13037 491 3 14197 529 2 16010 575 2 13610 532 4 13163 509 1 11610 450 20 13612 513 REO POLL	4 12243 477 3 13037 491 3 14197 529 2 16010 575 2 13610 532 4 13163 509 1 11610 450 20 13612 513
MONTH NUMBER MILK FAT NUMB  JANUARY FEBRUARY 2 15005 576 MARCH 1 9300 332  APRIL MAY JUNE  JULY 1 6960 247 AUGUST SEPTEMBER  OCTOBER NOVEMBER OCECEMBER YEAR AV. 4 11568 433  RE  CALVING REGISTERED NON MONTH NUMBER MILK FAT NUMB  JANUARY FEBRUARY MARCH  APRIL MAY	2 15005 57. 1 9300 33. 1 10530 413	6 2 2 3 3 4 4 6 5 2 3 3 9 9 1 REGISTEREO	1 18060 592 4 12243 477 3 13037 491 3 14197 529 2 16010 575 2 13610 532 4 13163 509 1 11610 450 20 13612 513 REO POLL	4 12243 477 3 13037 491 3 14197 529 2 16010 575 2 13610 532 4 13163 509 1 11610 450 20 13612 513
MONTH NUMBER MILK FAT NUMB  JANUARY FEBRUARY 2 15005 576 MARCH 1 9300 332  APRIL MAY JUNE  JULY 1 6960 247 AUGUST SEPTEMBER OCTOBER NOVEMBER OCTOBER OCTOBER NOVEMBER OCTOBER	2 15005 57. 1 9300 33. 1 10530 413	6 2 2 3 3 4 4 6 5 2 3 3 9 9 1 REGISTEREO	1 18060 592 4 12243 477 3 13037 491 3 14197 529 2 16010 575 2 13610 532 4 13163 509 1 11610 450 20 13612 513 REO POLL	4 12243 477 3 13037 491 3 14197 529 2 16010 575 2 13610 532 4 13163 509 1 11610 450 20 13612 513

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AYRSHIRE	GUERNSEY
CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT
JANUARY FEBRUARY MARCH	
APRIL MAY JUNE	
JULY AUGUST SEPTEMBER	I 12870 419 1 12870 419 I 13050 392 1 13050 392
OCTOBER November Oecember	1 11970 417 1 11970 417 2 16580 530 2 16580 530
YEAR AV-	5 14210 458 5 14210 458
HOLSTEIN	JERSEY
CALVING REGISTEREO NON-REGISTEREO ALL MONTH NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT
JANUARY 9 12038 405 9 12038 405 FEBRUARY 3 14350 479 3 14350 479 MARCH 4 15575 522 4 15575 522	6 10828 572 6 10828 572 11 9939 510 11 9939 510 2 6935 334 2 6935 334
APRIL 3 12657 447 3 12657 447 MAY 1 10440 357 1 10440 357 JUNE	6 8972 457 6 8972 457 22 9388 489 22 9388 489 24 8959 502 24 8959 502
JULY 3 9693 342 3 9693 342 AUGUST 1 11320 390 7 11027 394 8 11064 394 SEPTEMBER 1 16030 515 9 10991 429 10 11495 437	7 9097 505   7580 498 8 8908 504 15 9258 496   9850 611 16 9295 504 11 10002 550 2 10830 497 13 10129 542
OCTOBER 1 10230 376 1 12400 436 2 11315 406 NOVEMBER 1 10250 363 33 12160 411 34 12104 410 OCCEMBER 52 11654 385 52 11654 385	9 9971 540 6 10398 540 15 10142 540 10 10392 526 7 12953 504 17 11446 517 5 11618 578 9 11791 490 14 11729 521
YEAR AV. 4 11958 411 [25 [1896 404 129 11898 405	128 9593 510 26 11472 511 154 9910 510
BROWN SWISS	M. SHORTHORN
CALVING REGISTEREO NON-REGISTEREO ALL MCNTH NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT
JANUARY FEBRUARY MARCH	
APRIL May June	
JULY AUGUST SEPTEMBER	
OCTOBER NOVEMBER OECEMBER	
YEAR AV.	
REO OANE	REO POLL
CALVING REGISTEREO NON-REGISTEREO ALL Month number milk fat number milk fat number milk fat	REGISTEREO NON-REGISTEREO ALL NUMBER MILK FAT NUMBER MILK FAT NUMBER MILK FAT
JANUARY FEBRUARY MARCH	
APRIL MAY JUNE	
JULY AUGUST SEPTEMBER	
OCTOBER NOVEMBER DECEMBER	
YEAR AV.	

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APRIL MAY JUNE

JULY AUGUST SEPTEMBER

OCTOBER NOVEMBER OECEMBER YEAR AV.

		AYRSHIRE			GUERNSEY	
	REGISTERED	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH	16 9281 376 6 9757 428 10 10793 430	2 10825 442 6 8480 371 3 9713 393	18 9453 383 12 9118 399 13 10544 422	193 9656 472 181 9828 476 172 9592 473	94 10607 472 74 11090 473 95 11338 470	287 9967 472 255 10194 475 267 10213 472
APRIL MAY JUNE	16 9669 416 7 10504 436 6 10052 424	1 10520 453 3 10083 433 8 11196 453	17 9719 418 10 10378 435 14 10706 440	146 9527 462 107 9710 468 110 9777 470	75 10615 463 72 10839 467 67 11311 472	221 9896 462 179 10164 468 177 10357 471
JULY AUGUST SEPTEMBER	14 10686 443 18 10599 436 26 10773 447	8 11124 420 10 9212 399 8 10970 420	22 10845 434 28 10104 423 34 10819 441	133 9124 453 174 9491 472 153 9373 469	109 10701 459 178 10965 462 143 10788 467	242 9835 456 352 10236 467 296 10057 468
OCTOBER NOVEMBER OECEMBER	17 9170 394 13 10658 428 14 12450 510	21 11545 449 16 10669 466 11 9895 414	38 10482 424 29 10664 449 25 11326 468	181 9815 490 176 9759 478 125 9963 486	156 11199 476 159 11546 484 138 11322 471	337 10455 484 335 10607 481 263 10676 478
YEAR AV.	163 10385 431	97 10545 431	260 10445 431	1851 9636 473	1360 11055 470	3211 10237 472
		HOLSTEIN			JERSEY	
CALVING MONTH N	REGISTERED UMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH	284 14681 527 217 15126 541 220 14681 523	262 13042 485 263 13387 501 319 13318 501	546 13895 507 480 14173 520 539 13874 510	145 9364 506 177 9171 494 172 9118 503	40 9057 463 29 9182 479 30 9555 498	185 9298 497 206 9173 492 202 9183 502
APRIL MAY JUNE	201 15135 540 174 14372 515 214 14637 522	249 13440 508 308 13324 507 428 13003 498	450 14197 522 482 13702 510 642 13547 506	125 8734 472 116 8851 486 84 8664 472	32 9623 500 51 10138 478 71 10372 495	157 8915 478 167 9244 484 155 9446 483
JULY AUGUST SEPTEMBER	277 14291 513 362 14199 511 406 14157 515	668 12867 494 787 13088 498 713 13126 497	945 13284 500 1149 13438 502 1119 13500 503	100 8148 443 123 8341 452 143 8651 471	76 9943 467 109 9971 461 117 10390 481	176 8923 453 232 9107 456 260 9434 476
OCTOBER NOVEMBER OECEMBER	353 14395 522 323 14736 525 298 14950 529	635 12949 495 594 13232 503 561 13337 508	988 13466 505 917 13762 511 859 13897 515	135 8735 473 115 9212 492 117 9050 490	122 10220 474 99 10284 477 89 10810 505	257 9440 474 214 9708 485 206 9810 496
YEAR AV.	3329 14569 523	5787 13136 499	9116 13660 508	1552 8873 482	865 10129 480	2417 9323 481
		BROWN SWISS			M. SHORTHORN	
CALVING MONTH N	REGISTERED UMBER MILK FAT	NON-REGISTEREO	ALL NUMBER MILK FAT	REGISTERED	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK EAT
JANUARY FEBRUARY MARCH	14 10453 435 6 13942 583 8 11360 446	1 14370 562	14 10453 435 7 14003 580 8 11360 446	9 8982 318 5 7878 267 1 10860 384	1 9360 392	9 8982 318 6 8125 288 1 10860 384
APRIL MAY JUNE	12 10864 433 9 13519 559 4 10130 421	1 11410 576	13 10906 444 9 13519 559 4 10130 421	3 9553 364 4 9908 368 2 10135 392	1 8970 316	3 9553 364 5 9720 357 2 10135 392
JULY AUGUST SEPTEMBER	14 13381 552 20 11321 464 13 12478 538	2 11435 500	14 13381 552 20 11321 464 15 12339 533	1 7130 275 2 8385 336 4 7300 257	5 7254 294 1 8830 377 2 9055 378	6 7233 291 3 8533 350 6 7885 298
OCTOBER NOVEMBER OECEMBER	13 10216 416 20 10682 437 12 11231 448	4 11220 550	17 10452 447 20 10682 437 12 11231 448	4 7660 303 13 8726 358 8 10155 390		4 7660 303 13 8726 358 8 10155 390
YEAR AV.	145 11521 473	8 11691 542	153 11530 477	56 8894 337	10 8154 331	66 8782 336
		REO OANE			REO POLL	
CALVING MONTH N	REGISTEREO IUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH						

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#### 1960 CALVING YEAR

AYRSHIRE			GUERNSEY	
CALVING REGISTERED NON-REGISTERED MONTH NUMBER MILK FAT NUMBER MILK FAT	ALL	REGISTERED	NON-REGISTERED	ALL
	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT
JANUARY 3 9930 377 1 8180 260	4 9493 348	120 9222 453	123 9900 430	243 9565 441
FEBRUARY 1 12840 532 4 10733 456	5 11154 471	119 9190 451	105 9988 431	224 9564 442
MARCH 2 8205 330 7 10196 500	9 9753 462	115 9076 446	125 9618 436	240 9358 441
APRIL 3 9730 384 9 8387 395	12 8723 392	123 9181 456	95 10468 456	218 9741 456
MAY 3 9907 371 4 9650 414	7 9760 396	104 8768 440	117 9672 424	221 9247 432
JUNE 3 8900 383	3 8900 383	94 8670 425	118 10012 423	212 9417 424
JULY 1 9870 380 10 10200 416	11 10170 413	120 8724 428	135 9324 411	255 9042 419
AUGUST 7 9893 388 7 11669 424	14 10781 406	149 8995 448	210 9752 419	359 9438 431
SEPTEMBER 3 6630 274 5 8640 389	8 7886 346	138 9153 456	227 9422 423	365 9320 436
OCTCBER 2 10635 405 5 11116 505	7 10979 477	119 9025 453	185 9544 428	304 9341 438
NGVEMBER 5 9886 399 6 10085 434	11 9995 418	131 9421 463	185 10106 436	316 9822 447
OECEMBER 1 8620 324 6 13455 469	7 12764 448	119 9411 466	149 10130 435	268 9811 449
YEAR AV. 31 9557 375 67 10253 432	98 10033 414	1451 9082 449	1774 9789 428	3225 9471 438
HOLSTEIN			JERSEY	
CALVING REGISTEREO NON-REGISTEREO	ALL	REGISTEREO	NON-REGISTERED	ALL
MONTH NUMBER MILK FAT NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT
JANUARY 80 13952 500 264 12074 458 FEBRUARY 76 14444 521 236 12144 460 MARCH 95 14326 516 220 12712 476	344 12511 467	223 9153 496	124 9166 457	347 9157 482
	312 12704 475	248 9233 504	117 8961 455	365 9146 488
	315 13199 488	230 9145 489	134 9353 468	364 9222 481
APRIL 61 13415 482 239 12318 475	300 12541 476	178 8745 467	126 9281 455	304 8967 462
MAY 62 13979 489 252 12106 471	314 12476 475	173 8936 476	126 9335 445	299 9104 463
JUNE 77 14252 518 353 11964 454	430 12374 466	136 8807 475	118 9328 429	254 9049 453
JULY 99 13490 491 416 11658 441	515 12011 451	155 8614 465	152 9386 421	307 8996 443
AUGUST 108 13060 475 517 11541 453	625 11803 457	217 8366 453	198 9358 431	415 8839 442
SEPTEMBER 108 13415 490 557 11729 462	665 12002 466	245 8565 469	220 9323 444	465 8924 457
OCTOBER 107 13645 496 511 11778 460 NOVEMBER 84 14243 520 475 11577 450 OECEMBER 84 14334 512 508 11814 461	618 12101 466	245 9046 499	266 9560 451	511 9313 474
	559 11978 461	180 8765 470	208 9572 448	388 9198 458
	592 12171 468	227 9071 491	242 9567 442	469 9327 466
YEAR AV. 1041 13845 500 4548 11859 458	5589 12229 466	2457 8887 481	2031 9387 445	4488 9113 465
BROWN SWISS			M. SHORTHORN	
CALVING REGISTERED NON-REGISTERED MONTH NUMBER MILK FAT NUMBER MILK FAT	ALL	REGISTERED	NON-REGISTERED	ALL
	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT
JANUARY 17 11732 484	17 11732 484	5 8938 340	NO. OCK PIEK V AV	5 8938 340
FEBRUARY 11 10774 463	11 10774 463	9 8567 315		9 8567 315
MARCH 14 10961 467	14 10961 467	9 8894 308		9 8894 308
APRIL 17 11272 467	17 11272 467	4 8790 313		4 8790 313
MAY 23 9582 392	23 9582 392	5 8956 316		5 8956 316
JUNE 17 11303 460 2 8570 395	19 11015 453	6 7612 264		6 7612 264
JULY 23 10177 427 4 12378 480	27 10503 435	9 8436 315	1 8920 391	9 8436 315
AUGUST 24 10282 428 5 11158 488	29 10433 438	9 8071 313		9 8071 313
SEPTEMBER 20 10190 428 7 12110 511	27 10688 449	16 9374 362		17 9347 364
OCTOBER 28 10039 420 8 10430 450	36 10126 426	10 9148 338		10 9148 338
NOVEMBER 23 10503 428 4 9640 446	27 10376 431	3 9470 366		3 9470 366
DECEMBER 25 10636 435 1 14060 572	26 10768 440	4 9203 341		4 9203 341
YEAR AV. 242 10532 437 31 11073 474	273 10594 441	89 8794 326	1 8920 391	90 8796 327
REO DANE			REO POLL	
CALVING REGISTERED NON-REGISTEREO	ALL	REGISTERED	NON-REGISTERED	ALL
MONTH NUMBER MILK FAT NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT

JANUARY FEBRUARY MARCH

APRIL MAY JUNE

JULY AUGUST SEPTEMBER

OCTOBER NOVEMBER OECEMBER

YEAR AV.

CALIFORNIA 93

	AYRSHIRE			GUERNSLY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH	1 9860 479	1 9860 479	98 10134 482 76 9587 448 90 9975 468	7 11947 524 10 10415 439 9 12113 531	105 10255 485 86 9684 447 99 10170 474
APRIL MAY JUNE			106 9406 452 95 9089 441 74 9239 438	12 11114 459 8 10856 442 6 11970 510	118 9580 453 103 9227 441 80 9444 443
JULY AUGUST SEPTEMBER			81 9364 459 113 8942 445 110 9496 478	7 7961 385 17 9761 448 11 10423 483	88 9252 453 130 9049 445 121 9580 479
OCTOBER NOVEMBER OECEMBER			128 9277 467 71 9672 475 106 10066 488	13 11142 496 11 12369 490 11 8672 383	141 9449 470 B2 10034 477 117 9935 478
YEAR AV.	1 9860 479	1 9860 479	1148 9511 463	122 10668 464	1270 9622 463
	HOLSTEIN			JERSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTEREO NUMBER MILK FAT	NON-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY 85 16623 602 FEBRUARY 57 16414 581 MARCH 61 16873 602	101 14558 526 87 15305 564 96 15467 550	186 15502 561 144 15744 571 157 16013 570	55 9623 527 42 9788 528 21 10010 555	5 11240 580 9 11954 628 20 11739 585	60 9758 531 51 10171 545 41 10854 570
APRIL 60 17405 629 MAY 50 16647 61B JUNE 56 16373 602	88 14358 513 96 15065 539 80 14545 529	148 15593 560 146 15606 566 136 15298 559	24 10786 564 30 9831 511 36 9132 476	11 11657 544 14 13468 487 7 10376 512	35 11060 557 44 10988 503 43 9334 482
JULY 69 14820 536 AUGUST 106 15343 574 SEPTEMBER 99 15736 593	87 14393 520 114 15100 544 122 14682 545	156 14582 527 220 15217 559 221 15154 566	32 B779 4B1 55 B96B 4B7 4B 9440 4B9	6 12680 524 9 10308 489 8 11670 517	38 9395 488 64 9157 487 56 9758 493
OCTOBER 69 16154 598 NOVEMBER 61 15983 593 OECEMBER 52 16305 587	113 15710 567 84 15212 556 94 15793 562	182 15879 578 145 15536 571 146 15975 571	46 9553 501 38 9994 509 51 9607 509	13 12195 531 6 10585 560 9 14383 633	59 10135 507 44 10074 516 60 10324 528
YEAR AV. 825 16140 591	1162 15028 543	1987 15490 563	478 9560 508	117 11980 549	595 10036 516
				W 5.100 T.100 H	
CALVING REGISTERED	BROWN SWISS NON-REGISTERED	ALL	REGISTEREO	M. SHORTHORN  NON-REGISTERED	ALL
MONTH NUMBER MILK FAT  JANUARY FEBRUARY MARCH	NUMBER MILK FAT	NUMBER MILK FAI	NUMBER MILK FAT	NUMBER MIER FAI	NUMBER MILK FAT
APRIL MAY JUNE					
JULY AUGUST SEPTEMBER	1 10650 375 2 14075 452	1 10650 375 2 14075 452			
DCTOBER NOVEMBER DECEMBER	1 11010 387	1 11010 387			
YEAR AV.	4 12453 417	4 12453 417			
CALVING REGISTEREO	NON-REGISTEREO	ALL	REGISTEREO	REO POLL NON~REGISTEREO	ALL
MONTH NUMBER MILK FAT  JANUARY FEBRUARY MARCH	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT
APRIL MAY JUNE					
JULY AUGUST SEPTEMBER					
OCTOBER NOVEMBER OECEMBER					
YEAR AV.					

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	AYRSHIRE			GUERNSEY	
CALVING REGISTERED MONTH NUMBER MILK FAT	NDN-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NDN-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH					
APRIL MAY JUNE					
JULY AUGUST September				I 1443D 681	1 1443D 681
DCTDBER NDVEMBER DECEMBER					
YEAR AV.				1 1443D 681	1 1443D 681
	HDLSTEIN			JERSEY	
CALVING REGISTERED MDNTH NUMBER MILK FAT	NDN-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED Number milk fat	NDN-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY FEBRUARY MARCH					
APRIL MAY JUNE					
JULY AUGUST 1 1123D 434 SEPTEMBER		1 11230 434			
DCTDBER NDVEMBER DECEMBER					
YEAR AV. 1 1123D 434		1 1123D 434			
	BROWN SWISS			M. SHORTHORN	
	NDN-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	NDN-REGISTERED NUMBER MILK FAT	NUMBER MILK FAT
LANGIADM					
JANUARY FEBRUARY MARCH					
FEBRUARY					
FEBRUARY MARCH APRIL MAY					
FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST					
FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST SEPTEMBER  DCTDBER NDVEMBER					
FEBRUARY MARCH  APRIL MAY JUNE JULY AUGUST SEPTEMBER DCTDBER NDVEMBER DECEMBER					
FEBRUARY MARCH  APRIL MAY JUNE JULY AUGUST SEPTEMBER  DCTDBER NDVEMBER DECEMBER YEAR AV.	RED DANE			RED POLL	
FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST SEPTEMBER  DCTDBER NDVEMBER DECEMBER  YEAR AV.  CALVING MDNTH NUMBER MILK FAT	RED DANE NDN-REGISTERED NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED NUMBER MILK FAT	RED PDLL NDN-REGISTERED NUMBER MILK FAT	ALL
FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST SEPTEMBER  DCTDBER NDVEMBER DECEMBER  YEAR AV.	NDN-REGISTERED		REGISTERED NUMBER MILK FAT	NDN-REGISTERED	ALL
FEBRUARY MARCH  APRIL MAY JUNE  JULY AUGUST SEPTEMBER  DCTDBER NDVEMBER DECEMBER  YEAR AV.  CALVING MONTH NUMBER MILK FAT JANUARY FEBRUARY	NDN-REGISTERED		REGISTERED NUMBER MILK FAT	NDN-REGISTERED	ALL
FEBRUARY MARCH  APRIL MAY JUNE JULY AUGUST SEPTEMBER DCTDBER NDVEMBER DECEMBER YEAR AV.  CALVING MONTH NUMBER MILK FAT JANUARY FEBRUARY MARCH APRIL MAY	NDN-REGISTERED		REGISTERED NUMBER MILK FAT	NDN-REGISTERED	ALL
FEBRUARY MARCH  APRIL MAY JUNE JULY AUGUST SEPTEMBER  DCIDBER NDVEMBER DECEMBER YEAR AV.  CALVING REGISTERED MONTH NUMBER MILK FAT JANUARY FEBRUARY MARCH  APRIL MAY JUNE JULY AUGUST	NDN-REGISTERED		REGISTERED NUMBER MILK FAT	NDN-REGISTERED	ALL

ALASKA 96

YEAR AV.

#### 1960 CALVING YEAR

CALVING REGISTERE	AYRSHIRE  NON-REGISTEREO	ALL	REGISTEREO	GUERNSEY NON-REGISTEREO	ALL
MONTH NUMBER MILK	FAT NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT
JANUARY FEBRUARY MARCH					
APRIL MAY JUNE					
JULY AUGUST SEPTEMBER				1 8920 446 2 9945 444 1 10680 498	1 8920 446 2 9945 444 1 10680 498
OCTOBER NOVEMBER DECEMBER				I 10560 473 1 I1690 539	I 10560 473 I 11690 539
YEAR AV.				6 10290 474	6 10290 474
	HOLSTEIN			JERSEY	
CALVING REGISTERE	NON-REGISTEREO	ALL	REGISTEREO	NON-REGISTEREO	ALL
MONTH NUMBER MILK JANUARY 2 13630	FAT NUMBER MILK FAT 489 1 13150 461	3 13470 480	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT
FEBRUARY MARCH	1 13130 401	3 13470 400			
APRIL MAY JUNE					
JULY 1 15550	575 1 12010 445 536 2 14640 530	2 13780 510 6 14957 534			
AUGUST 4 15115 SEPTEMBER 3 19560	658 3 14583 530	6 17072 594			
OCTOBER 1 14310 NOVEMBER 1 14070 OECEMBER 2 13835	485 2 12705 554	2 13680 529 3 13160 531 2 13835 489			
YEAR AV. 14 15571	548 10 13665 518	24 14777 535			
CALVING REGISTERE	8ROWN SWISS  NON-REGISTERED	ALL	REGI STEREO	M. SHORTHORN NON-REGISTERED	ALL
MONTH NUMBER MILK	FAT NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT	NUMBER MILK FAT
FEBRUARY MARCH APRIL					
JUNE					
JULY AUGUST SEPTEMBER					
OCTOBER NOVEMBER OECEMBER					
YEAR AV.					
	REO CANE			REO POLL	
CALVING REGISTERED MONTH NUMBER MILK	O NON-REGISTEREO FAT NUMBER MILK FAT	ALL NUMBER MILK FAT	REGISTERED Number milk fat	NON-REGISTEREO NUMBER MILK FAT	ALL NUMBER MILK FAT
JANUARY		1 15700 603			
FE BRUARY MARCH	1 15700 603 1 11220 445	1 11220 445			
	I 15700 603 1 11220 445	1 11220 445			
MARCH APRIL MAY JUNE JULY	1 11220 445 1 8950 344	1 11220 445 1 8950 344			
MARCH  APRIL  MAY  JUNE  JULY  AUGUST  SEPTEMBER	1 11220 445 1 8950 344 1 9870 364 3 11147 45,6	1 11220 445 1 8950 344 1 9870 364 3 11147 456			
MARCH APRIL MAY JUNE JULY AUGUST	1 11220 445 1 8950 344 1 9870 364	1 11220 445 1 8950 344 1 9870 364			



Growth Through Agricultural Progress